

Job Description for Apple Developer Academy @ POSTECH: Mentors

Introduction

Pohang University of Science and Technology (POSTECH), in partnership with Apple, is looking to create a highly motivated teaching staff at the Apple Developer Academy @ POSTECH.

You will work with the entire team to create new, fully integrated, cross-curricular learning experiences for the students at the Apple Developer Academy. You must be excited about exploring new teaching strategies and non-traditional pedagogy. You will be expected to learn alongside your students. You will be expected to work with an extended team to build a strong collection of promising practices and learning materials including creating technical solutions for use in-house by students, mentors, and administrators of the Academy.

Imagine what you can do as part of a team preparing the next generations of world-class App developers who will go on to redefine how technology will positively impact our lives. Applicants must have a passion for change. Bring agility and dedication to your job and there's no telling what you could accomplish.

Roles Available:

<Mentors>

Lead mentor (1)

Coding Mentor (TBC)

Design mentors (TBC)

App Business/Marketing Mentor (1)

Academy Lead Mentor (1 Position)

The Lead Mentor is the pedagogical leader of the Apple Academy. The teaching team provides subject matter expertise and coaching for each key area of coding, design, and employability. The lead mentor will be responsible for providing direct supervision for all instructional staff at the Academy, and will be partnering with the operation manager to ensure the smooth running of the academy. This position is responsible for all matters related to the quality of teaching and learning, assessment, professional development, and use of technology. This position is responsible for the effective implementation of the curriculum and its associated pedagogical practices. The lead mentor will also attend to professional development of the team and participate in decisions related to budget and staffing. The Lead Mentor is responsible for building connections to stakeholders, the local community, and the greater global community via the Apple Academy International Network.

This candidate is responsible for organizing the mentors' team, student work, and the over-arching program timelines and deliverables. This role also requires the ability to work with the Apple team to design and implement a curriculum. Ideally, the candidate should have more than 10 years' experience in managing an educational organization, but experience in corporate/startup environments are also welcomed.

Key Qualifications

- Proven experience in empowering students, mentees, or staff to reach their potential.
- Experience in education leadership—planning, leading, organizing, and monitoring teamwork to a successful and on-time project completion.
- Demonstrated ability as an instructional leader to oversee and collaborate with staff.
- Experience in curriculum design desirable. Deep interest in new pedagogical models.
- A passion to challenge the status quo and to experiment with new and exciting teaching and learning practices.
- Experience in Challenge Based Learning, experiential learning models, or enquiry based learning a plus.
- Demonstrated agility and problem solving ability to resolve issues or conflicts with multiple stakeholders and internal staff/learners
- High level strategic thinking and planning. Ability to envision and implement the organization's future.
- Strong public speaking ability. Ability to effectively communicate the organization's mission to external stakeholders and the overall community.
- Solid organizational abilities, including planning, delegating, and program development.
- Strong written and oral communication skills in English and Korean.
- Strong work ethic with a high degree of energy.
- Transparent and high integrity leadership.
- Combination of Industry and Academic experience is preferred.
- Area of expertise linked to Academy curriculum (coding, design, business or marketing) preferred but not essential
- Proficient in English and Korean
- Doctorate or advanced degree desirable.

Mentor / Learning facilitator - Technical (No. of positions TBC)

The ideal candidate will bring technical expertise and other experience in teaching, coaching, or mentoring. Experience in mobile development and demonstrated knowledge of the iOS platform is expected. The candidate must have good command of different programming languages. The candidate must be open to learning and exploring new pedagogical models. The candidate will learn alongside your students. The candidate will be expected to work with an extended team to build a strong collection of high-quality teaching practices and materials, including creating technical solutions for use by students, teachers, and administrators of the Apple Developer Academy programs. The ideal candidate can point to an App live in the App Store in which they were a contributing team member. Multiple levels available—experienced individual will be considered as team leader, while fresh grads or applicants with less experience will be considered for junior positions. Experience in corporate / startup environments are welcomed.

Key Qualifications

- Proven experience in empowering students or mentees to reach their potential.
- Deep interest in new pedagogical models. Experience in Challenge Based Learning, experiential learning, or enquiry based learning a plus.
- A passion to challenge the status quo and to experiment with new and exciting teaching and learning practices.
- Experience with a programming Language, more specifically experience with one or more of Java, C++, Objective-C and Swift.
- Experience with developer IDEs including Xcode
- Experience with build and deployment tools, e.g., Git, Maven, Gradle
- Experience with Learning Management systems
- Experience with UI Testing and Testing tools
- Experience with debugging and profiling testing tools like LLDB and Instruments
- Deep knowledge in SwiftUI and UIKit
- Good knowledge in programming logic and computational thinking
- Knowledge about Xcode Server and Continuous Integration is a differential
- Experience about networking and its protocols (IP, TCP/UDP, HTTP, HTTPS) as like as Web Services (REST) are important.
- Functional Programming and knowledge about Swift Protocols are important
- Experience working in Agile teams and other development methodologies
- Experience developing software as a Scrum team member
- Proficient in English and Korean
- Master's degree or equivalent desirable

Mentor / Learning facilitator - Design (No. of positions TBC)

The ideal candidate will bring UX, UI, and design fundamental expertise and some experience in teaching, coaching, or mentoring. The candidate must be open to learning and exploring new pedagogical models. You will learn alongside your students. You will work with an extended team to build a strong collection of high- quality teaching practices and materials. The candidate has experience in UI/UX design ideally for mobile applications, in industry and/or in academic environment. This candidate has hands-on experience in app design and visual style and preferably can point to an App live in the App Store in which they were a contributing design team member and/or the candidate will demonstrate exceptional academic design background. Multiple levels available—experienced individual will be considered as team leader, while fresh grads or applicants with less experience will be considered for junior positions. Experience in corporate / startup environments are welcomed.

Key Qualifications

- Proven experience in empowering students or mentees to reach their potential
- Deep interest in new pedagogical models. Experience in Challenge Based Learning, experiential learning, or enquiry based learning a plus.
- A passion to challenge the status quo and to experiment with new and exciting teaching and learning practices.
- Strong understanding of UX fundamentals (user experience, the importance of context, the iOS Human Interface Guidelines) and UX Process (user research, empathy and understanding, personas, user stories, prototyping)
- Understanding the relationship between creativity, design and implementation.
- Demonstrated ability on the teaching of design fundamentals (composition, color theories, typography)
- A good understanding of branding is desired
- Familiarity with the Design Thinking framework a plus
- Proficient in English and Korean
- Master's degree or equivalent desirable

Mentor / Learning facilitator - App Business, Marketing & Entrepreneurship (1 Positions)

The ideal candidate will bring expertise in marketing/business or communications, and some experience in teaching, coaching, or mentoring. The candidate must be open to learning and exploring new pedagogical models. You will learn alongside your students. You will work with an extended team to build a strong collection of high-quality teaching practices and materials. The candidate has industry experience in today's fast paced business environment, and ideally this candidate has a University background having taught business and marketing courses in the past. This candidate is skilled and knowledgeable in strategy services, consumer behavior and marketing processes. Specifically the ideal candidate demonstrates knowledge in running successful online marketing campaign, leveraging Social Media and Search Engine Marketing. Alternatively, the candidate brings a deep knowledge of the App economy and its business models. Experience in corporate / startup environments are welcomed.

Key Qualifications

- Proven experience in empowering students, employees or mentees to reach their potential.
- Deep interest in new pedagogical models. Experience in Challenge Based Learning, experiential learning, or enquiry based learning a plus.
- A passion to challenge the status quo and to experiment with new and exciting teaching and learning practices.
- An understanding of local and regional job markets for iOS developers.
- An understanding of current application and interview procedures for technical employers.
- An understanding of Business Modeling (experience with Business Model Canvas, Lean Start Up, various pitch models)
- An understanding of Sales and Marketing (understanding of the App Economy, and the Apple ecosystem, app analytics, how to acquire users, retain them and monetize apps)
- An understanding of Strategy and Management of companies (Organization, competitive positioning, value chain, as well as legal issues around creating and running a business, Intellectual property, finance and accounting, team creation and team management.)
- Background in training (conflict management, communication, collaboration, career management) will be a differentiating factor.
- Proficient in English and Korean