JEFFREY LAI

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ABOUT ME

Enthusiastic about iOS development and hungry to learn and grow as an iOS engineer. Proficient in Swift and eager to pick up new languages. Looking to translate solving complex science problems into creating iOS apps. Looking to grow in a team environment and contribute as a team member. Experience with iOS app development from inception to published apps. Over 3+ years of Swift development and 4 apps published to the app store.

JOB / RESEARCH EXPERIENCE

Talisman Mobile, Monrovia, CA

iOS Developer   **July 2016 - Present**

Mobile software development experience in iOS using Swift. Responsibilities include app design, implementation of models and views, beta testing, and distribution of apps to App Store. Experience in multiple frameworks of iOS SDK.

Current Published Apps in App Store:
  Lead developer for both UI and App Logic
      Three Todo   - Procrastinators To-do List
      PocketDiner - Meal Split Calculator
  Past Apps:
      Lopoolio   - Lottery Pool Calculator
      CF Monrovia - Crossfit App for Gym in Monrovia, CA

Howard Hughes Medical Institute at California Institute of Technology, Pasadena, CA

Research Technician   **June 2002 – Present**

Conduct novel research in the laboratory of Professor Douglas Rees. Scientific research in solving complex membrane protein structures through bacterial cloning, protein purification, and x-ray crystallography.

IOS DEVELOPMENT SKILLSET

Languages: Swift and Objective C
Experience with Autolayout, Networking, Dark Mode, StoreKit (In-App Purchases), Core Data, Code Signing, Grand Central Dispatch
UI Setup using Interface Builder (Storyboards), completely by code, and a "hybrid" of both methods
Animations - View animations, view controller animations, 3D view animations
Custom UITableviews and UICollections views
Protocols and Extensions to create libraries for reuse in multiple apps
Cocoapods - Incorporated various libraries, including Google Admob

IOS DEVELOPMENT SKILLSET (CONT.)

Version Control: GitHub and SourceTree

UI and UX Design Experience, with experience using Sketch to design and create app mockups

EDUCATION

University of Southern California – Los Angeles, CA

Classes in Computer Science

California State University of Los Angeles – Los Angeles, CA

Classes as Post-Baccalaureate in Computer Science – Cumulative GPA 3.77

University of California, San Diego – La Jolla, CA

B.S. in Microbiology – Cumulative GPA 3.5

COMPUTER SCIENCE COURSES

CSULA

- Introduction to Programming : Java
- Introduction to Object Oriented Programming : Java
- Programming with Data Structures : Java
- Data Structures and Algorithms
- Using Relational Databases and SQL
- Using Operating Systems and Networks for Programmers
- Introduction to Operating Systems
- Web and Internet Programming (JSP and Servlets)
- Principles of Database Systems
- Software Engineering

USC

- Analysis of Algorithms
- Operating Systems

PROJECTS

- Simple Online Survey for Rees Lab using HTML, JSP, and MySQL
- Movie Review Website using JSP, Servlets, and MySQL
- CSPaint Program using Java
- Database Program using Java
- Blackjack Program using C++

INTERESTS

- Science Geek
- Playing Basketball
- Finance / Investment Nerd
- Star Trek
- Sherlock Holmes
- Disneyland

FIND ME ON

Twitter: @jeffamine
LinkedIn: linkedin.com/in/jefflai-dev
Github: github.com/EcMscS
Portfolio: ecmscs.github.io/jefflai_dev/

REFERENCES AVAILABLE UPON REQUEST