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DESIGNER/DEVELOPER/JONATHAN KIM

Summary

Software engineer proficient at iOS, macOS, and web development.
UI designer experienced with branding, wireframing, and prototyping.

Experience

iOS Software Engineer | *Google, Inc. (Mountain View, CA)*   **2017 – Present**
- Empowering enterprise communication via Hangouts Chat for iOS.
- Created a library used by Allo and GBoard that generates a sticker pack from a user's selfie using ML.
- Added innovative ways to edit and collage images in Allo iOS.

macOS/iOS Software Engineer III | *Apple, Inc. (Cupertino, CA)*   **2015 – 2017**
- Developed high visibility features in Objective-C for first party macOS applications and frameworks (Calendar, Contacts, Reminders, EventKit).
- Led the automated performance testing and analysis effort for Calendar and Reminders.
- Part of the MacBook Pro Touch Bar launch team.

Chief Technical Partner | *The Simple Group Oversight, LLC (Fremont, CA)*   **2013 – 2015**
- Cofounded The Simple Group, which manages a technology hedge fund that aids entrepreneurs in third world countries through microfinance loans.
- Worked with a general partner to raise over $1 million for the fund.
- Built Automa™, a high-frequency trading engine that parses loan information, conducts due diligence using machine learning algorithms, and invests capital from the fund in low risk, high social impact loans. With this technology, the fund has maintained not only a double digit annualized return but also a 0% default rate.
- Designed and developed The Simple Group website (https://thesimplegroup.org/) and realtime system dashboard using Node.js and Angular.

Software Engineering Intern | *Apple, Inc. (Cupertino, CA)*   **Summer 2014**
- Added color selection and drag and drop features to OS X Yosemite Calendar and Reminders.
- Worked extensively with the brand new Yosemite/iOS 8 app extensions API prior to its release to external developers, making the second app extension ever created and identifying blocking bugs.
- Participated in post-Yosemite feature brainstorming and mocked up new calendaring features.

UX Designer and Mobile Developer | *Zunn Labs, Inc. (Ithaca, NY)*   **Summer 2013**
- Designed the user interface and overall experience of controlling an energy-efficient, health-conscious light bulb that brings natural light indoors by matching the color temperature of the sun.
- Implemented the design as a hybrid iOS/Android mobile application using Phonegap/Cordova.

UX Designer | *OpenComm (Cornell Project Team)*   **Fall 2012**
- Created UI prototypes for an Android/iOS mobile conferencing application that utilized audio-based spatial cues and ad hoc side conferences to improve the user experience.

Ministry and Tech Coordinator | *Emmaus Road (Christian Organization)*   **2012 – 2013**
- Coordinated multiple fellowship ministries as a founding member of the leadership team.
- Created church website (http://emmauscornell.org) and other electronic resources.

iOS Developer and Software QA | *DSP Concepts, LLC (Sunnyvale, CA)*   **Summer 2012**
- Audited a digital signal processing tool for usability issues, fixing or escalating any issues uncovered.
- Developed an iOS music player that exhibited the effects of various proprietary audio algorithms by integrating those algorithms into low-level system audio frameworks.

Web Developer and Server Administrator | *Noca, Inc. (Menlo Park, CA)*   **Summer 2011**
- Migrated e-payments code and processes to new Linux servers and configured server security settings.
- Deployed internal facing web sites and services and updated developer documentation.

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Education

Cornell University | *College of Engineering* **December 2014**
- Major: Computer Science
- Relevant courses: Human-Computer Interaction Design; Cloud Computing; Evolutionary Algorithms; Operating Systems; Computer Networks; Functional Programming; Computer Graphics; Honors Object-Oriented Design and Data Structures; Security, Privacy, and Information Network Design

Skills

- Languages: Objective-C, Swift, Java, Python, OCaml, C/C++, Matlab
- Design: Wireframing, Sketch, Illustrator, InDesign, Photoshop
- Web: HTML, Javascript, Angular.js, Node.js, CSS/Sass, MySQL
- Platforms: iOS, macOS, UNIX, PhoneGap/Cordova, MIPS

Activities

Competitive Overwatch Player **2017 – Present**
- Maintained the rank of Master (top 3% worldwide) since season 7.
- Organized over a hundred Googlers into teams for the After Hours Gaming League, a corporate esports league, and Googlewatch, an internal Google tournament.
- Won the AHGL 2018 spring season as a member of Google Feeling Lucky.

Musician (Cello) **1999 – Present**
- San Jose Youth Symphony (2004 – 2011), Cornell Symphony Orchestra (2011 – 2012), chamber groups (2012 – 2014), Emmaus Road church praise team (2012 – 2014).
- Formed a band, toured in Florida and California, and recorded originals and covers (Summer 2013).

CoderDojo Mentor **2016 – 2017**
- Taught kids aged 7 – 17 how to code in Swift and Python.