

Jake Podell

jhp246@cornell.edu | 1 Edgecliff Place | Ithaca, NY 14850 | 973.902.9060 | www.jakepodell.com

Education

Cornell University: College of Engineering

Class of 2019

- Spring 2016 Dean's Honor List for outstanding scholastic performance
- Pursuing a major in Computer Science and minor in Cognitive Science

Experience

Salt: iOS Development Intern

Summer 2016

- Developed primary features for Salt, an angel backed iOS application founded by former Amazon software engineer
- Designed and implemented a "connect to friends" feature which accesses the user's address book to find contacts with Salt accounts- front and back end
- Implemented a feature to gather user phone numbers on the client side and store them securely as hashes in our database
- Eliminated our Objective-C dependency by translating files to Swift

Pentacle: Smalltalk Developer

2016 - Present

- Freelance work developing QUBE, an OpenQwaq based three dimensional environment used as a virtual classroom by Pentacle (The Virtual Business School) for their executive education courses
- Built new front end features and improved user experience when dragging and resizing visual elements

CUAir: Electrical Team Member

2015 - Present

- Awarded 2nd place in the 2016 Student Unmanned Air Systems Competition
- Responsible for RF communications, networking, power systems, on-aircraft computing, and custom electronics design
- Built a module that allows our plane to autonomously connect to wireless networks and execute two-way file transfers
- Designed, manufactured, and programmed a custom circuit board capable of releasing a servo controlled air-drop hatch while in flight

Nickelfish: Software Development Intern

Summer 2015

- Lead the development of a promotional web application for Michael Kors' website. Users upload pictures/ videos of themselves and overlay the uploaded media with Kors apparel
- Built and debugged websites for clients such as Coldwell Banker, Prudential, and ADP
- Broadened our websites' compatibility to multiple devices, operating systems, and browsers

Skills

Java | Swift | HTML | CSS | Javascript | JQuery | Objective-C | PHP | SQL | Android | Arduino
Node | Smalltalk | Python | Laravel | Git | Photoshop | Illustrator | Altium