Jeffrey Sham

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Objective | To obtain a challenging application based software development position that will utilize my Algorithms and Data Structures experience to make lasting contributions to the overall success of the organization

Education | **Johns Hopkins University**, 3400 North Charles Street, Baltimore, MD 21218
- Bachelor of Science: Computer Engineering, Computer Science, Expected: May 2017
- GPA: 3.71/4.00, Dean's List
- Relevant School Courses: Algorithms I, Databases, Computer Networks, Data Structures, Security & Privacy, Parallel Programming, Computer Systems Fundamentals, Calculus

Relevant Experience | **iOS Developer** Corrie Health
2016 – Present
- Contribute to the medical iOS application Corrie, a platform that helps heart attack patients track their medications, vitals, and medical history
- Develop a medical adherence algorithm, implement event tracking, improve initial app loading time, create a vitals recording wizard
- Collaborate with a team consisting of medical and cardiology physicians, Apple engineers, and Johns Hopkins students to build, test, and maintain this high quality iOS application

Software Engineering Intern Yext, Inc.
2016
- Contributed to the Yext's digital location management platform, which enables businesses to maintain location information across 100+ search engines and online location services
- Improve the efficiency of marketing and location scanning webpages using the Play framework
- Collaborated with teammates in sprints to plan and tackle tasks and reduce system problems
- Incorporated event tracking and updated UI in Yext's Location Scan apps (Android, iOS)
- Utilized Java to create 10+ endpoints to connect Yext software to the web, Clover, Salesforce, and Maropost

Lead Developer and Cofounder Flutter Inc.
2014 - 2016
- Launched the location-based picture sharing iOS application, Flutter for iPhone
- Implemented smooth transitions and animations within and between pages
- Collaborated with designer to form the color scheme and the user interface
- Programmed the overall functionality of the application

Associate Mobile Engineer Mindgrub Technologies
2013 - 2014
- Gained familiarity with database frameworks such as Parse and viaPlace
- Learned how to effectively work in a team environment
- Produced an Android tour app for viaPlace and an iOS Ping Pong Tournament app

Key Projects | HopHacks, Johns Hopkins University
- Fall 2015: Awarded Most Innovative Hack award, Best use of Pebble award, and Honorable Mention for use of Open Data for our Android and Pebble application SafeRock, which uses Google Maps and Baltimore's Open Data on crime to improve the user's safety
- Fall 2014: Awarded first place for our Voronoi Cast, which utilized 3D printing and 3D modeling to create a cast for a photographed body part

IEEE Arduino Competition, Johns Hopkins University
- 2015: 1st place: Laser Guitar – Constructed a guitar out of acrylic that uses lasers as strings and buttons as frets with three fellow sophomores

Skills & Abilities | Platforms: Android, iOS, Play Framework, Salesforce
Languages: Java, Objective C, SQL, C/C++, Swift, MATLAB, Python, Apex, HTML, CSS, Javascript
Computer Skills: Unix/Linux, Microsoft Office
English – Native, Mandarin Chinese – Conversational, Spanish – Basic

Leadership | Johns Hopkins Breakdancing Club, Vice President [2014 – 2016]
- Organize practices and breakdance performances
- Maintain all forms of internal communication