

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, May 2017
- GPA: 3.69, Dean's List
- Relevant School Courses: Algorithms I, Databases, Signals & Systems, Data Structures, Automata & Computation Theory, Introduction to VLSI, Circuits, Calculus, China STEM Study Abroad

Experience | Lead Developer and Cofounder Flutter Inc.

2014 - Present

- Create the location-based picture sharing iOS application, Flutter for iPhone
- Learn various techniques to utilize Parse to store and analyze data
- Improve my knowledge about iOS and Android applications and how to design applications

Computer Science Teaching Assistant Johns Hopkins University

2015 - Present

- Held office hours to help students with their questions Java and Data Structures concepts
- Graded homework and instructed Java labs

Data Archival Specialist HaystaqDNA (Contractor)

June 2015

- Managed over 5 outdated hard drives and uploaded their contents to Amazon Glacier
- Learned how to use SQL in order to create models for clients

Associate Mobile Engineer Mindgrub Technologies

2013 - 2014

- Improved my knowledge in Android and iOS applications
- Learned how to use database frameworks such as Parse and viaPlace to store and retrieve data
- Created an Android tour application for viaPlace and an iOS Ping Pong Tournament Application
- Learned how to effectively work in a team environment

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
- Spring 2015: Created a website that integrates Google Maps Street View with the Myo and Oculus Rift technology
- 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 3 ECE sophmores
- 2014: 2nd place: Breathalyzer – Designed a breathalyzer to exhibit users' alcohol levels using LED lights, an LCD monitor, and a speaker with 3 ECE freshmen

Sofiac

- 2015 – Present: Participate in Sofiac's Immersion Working Group in creating a Comm-tronics Web application

Artificial Pancreas, Johns Hopkins University ECE Team Project

- Led the Android application team to design an Android application to control an insulin pump that delivers a specified amount of insulin at a specified interval

Holly Inn

- 2013 – 2015: Maintained their website on a monthly basis for their new events

Skills & Abilities | Platforms and Languages: Android, iOS, Java, Objective C, SQL, C/C++, HTML, CSS
Computer Skills: Unix/Linux, Microsoft Office, Matlab, Abaqus
English, Chinese, Spanish

Leadership | Johns Hopkins Breakdancing Club, Vice President

- Organize practices and breakdance performances
- Maintain all forms of internal communication