

Joe B. Fletcher

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1215L Progress Street NW, Blacksburg, VA 24060

EDUCATION

B.S. Computer Science

University Honors at Virginia Tech, Blacksburg, VA

Minor: Mathematics

GPA: 3.66

Expected May 2016

SKILLS

Languages: Proficient: Java, C Familiar: Python, JavaScript, PHP, C++, Swift, Objective-C, HTML, CSS
Operating Systems: OS X, Windows, UNIX/LINUX
Interactional: Fluent in Spanish

WORK EXPERIENCE

Software Engineering Intern

May – August 2015

Qualcomm – San Diego, CA

- Built an Android application that helped on-device tuning for the Camera team
- Ported camera modules such as Brightness, Sharpness, Contrast, etc. to newer version of the application that will be shared with our OEM's in order for them to tune the camera on their devices as they see fit

Software Engineering Intern

May – August 2014

Cisco Systems – San Jose, CA

- Developed an iOS application for the Wireless Lan Controller (WLC) Team used for network engineers (internal)
- This application provided relevant information from a WLC such as number of access points, clients, top operating systems, and top applications being used as well as the bandwidth being used by each one
- Worked on UI design, WLC authentication, HTML parser, as well as the use of REST APIs

Business Analyst Intern

May – August 2013

Hewlett-Packard – Herndon, VA

- Reduced supplier identification lead time by 95% after implementing a new search process

UNDERGRADUATE RESEARCH & PROJECTS

"Supporting Crowdsourcing Sensemaking in Big Data with Dynamic Context Slices"

January – May 2015

- NSF Funded Research grant under Dr. Kurt Luther and Dr. Chris North
- Created a PHP application and launched it on Amazon's Mechanical Turk crowdsourcing platform
- Used crowdsourcing to solve various problems such as: "where was this picture taken?", "who was in it?", etc.
- Won 3rd place at the Virginia Tech Undergraduate Research in Computer Science (VTURCS) annual symposium

Virginia Tech Bus Transit Android Application

January – May 2013

- Provides the user with the latest arrival times for all bus stops at Virginia Tech

ACTIVITIES

Society of Hispanic Professional Engineers (SHPE)

- Virginia Tech Chapter, Vice President of External Affairs
- SHPE National Conference, Google Travel Scholarship Recipient

August 2013 – May 2015

November 2013

Leadership

- Undergraduate Teaching Assistant for Data Structures and Algorithms (CS 3114)
- Google Student Ambassador (GSA)
- Virginia Tech Computer Science Student Ambassador
- College of Engineering's Dean's Team Student Recruiter

August – May 2015

July 2014 – Present

January 2014 - Present

August 2013 – Present

Events

- Offered and accepted Booz Allen Hamilton's Winter Externship Program in Washington, D.C. January 2015
- Selected and attended Goldman Sachs 2014 S.T.E.M. Symposium in New York, NY October 2014
- Nominated and participated in Qualcomm's D.E.C.A Conference in San Diego, CA January 2014
- Funded to attend ACM Richard Tapia Celebration of Diversity in Computing Conference 2014/2015

HONORS

Google Generations Scholarship Recipient

April 2014

- Competitive program, selected after 3 rounds of reviews based on academic and technical achievements

Virginia Space Grant Consortium (VSGC) STEM Scholarship Recipient

August 2013

National Action Council for Minorities in Engineering (NACME) Scholar

August 2012