**SON NGUYEN**
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## SUMMARY
- ➢ Upcoming aspiring Computer Science graduate with strong background in programming principles, and great passion for technology / software development seeking fulltime opportunity.
- ➢ Experience in software design and development, object-oriented design, relational database system and web development

## EDUCATION
**Bachelor of Science, Computer Science**
San Jose State University, San Jose, CA – GPA 3.88/4.00
- **Academic Honor**: Computer Science Dean's Scholar
- **Coursework**: Data Structures and Algorithm, Object-Oriented Design, Database Management System, Operating System, Programming Paradigms, Software Engineering, Computer Network, Information Security

## TECHNICAL SKILLS
- **Programming Languages**:    Java, C, Javascript (AJAX & jQuery), HTML 5, CSS 3, PHP
- **Operating System**:    Linux, Mac OS X, Windows
- **Database & Webserver**:    Apache Tomcat, Glassfish Server, MySQL (Hibernate), DB2
- **Tools & Frameworks**:    RESTful Web Services, JSON, TestNG, Maven, Servlet, JSP, Git

## EXPERIENCE
**QA Intern at Virtual Instruments Inc (06/2016 – 12/2016)**
- Directly responsible individual for quality for NAS product and new features of Virtual Wisdom 5.x platforms
- Designed, implemented and automated nightly REST test cases for NAS Probe using Java, JSON and TestNG
- Collaborated with another intern to maintain existing test automation frameworks and troubleshoot failures across multiple services
- Worked in Linux environment to debug Virtual Wisdom Platform and report current product quality including bug reports and test status

**Teaching assistant at San Jose State University (9/2015 – 12/2016)**
- Developed grading standards and correct tests and quizzes in a timely manner
- Assisted students with homework and learning materials

## ACTIVITIES/AWARDS
**Second place winners of the Yahoo! Hackathon at San Jose State University**
- Collaborated in a team of 4 people to conceptualize and simulate a system that categorizes, displays, and automatically responds to events across a distributed system in real time

**Hackerrank**
- Participated the World Cup – University Level CodeSprint

## COMPUTER SCIENCE PROJECTS
**Face Detection System**                                                  **May 2016**
- Created a computer vision pipeline for face detection using C and open source libraries like GNU/Linux, FFMPEG, STASM, OpenCV, Apache
- Designed a database using Postgres to store facial data points

**Chat Room**                                                              **May 2015**
- Developed a Java web-based chat application that allows group chat
- Established communication between a server and clients using Javascript, AJAX, JSON, and RESTful web service

**Operating System Simulation**                                            **March 2015**
- Wrote a Java application implementing different scheduler algorithms of the operating system
- Created a multithreaded application in C and specified critical regions to avoid race condition as well as deadlocks

**Car Configuration**                                                      **June 2014**
- Developed a car configuration website that allows users to configure their favorite models using J2EE, Servlet, JSP, Maven, and Bootstrap
- Scaled the website by using multithreaded servers, synchronized data, and created a customized exception handler