

Aatman Shah

<https://aatmanshah.github.io>
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EDUCATION

- **Santa Clara University** Santa Clara, CA
Bachelor of Science in Computer Science; Minor: Mathematics; GPA: 3.2 *Sept. 2016 – Dec 2019*
Relevant Coursework: Theory of Algorithms, Discrete Math, Object Oriented Programming, Data Structures, Linear Algebra, Computer Networks, Logic Design, Embedded Systems, Software Design

EXPERIENCE

- **App Orchid, Inc** San Ramon, CA
Software Engineering Intern *Jun 2018 - Aug 2018*
 - Partnered with software architect to build custom web-based solution for client in a fast paced team environment
 - Researched, designed, and implemented scalable, modular web applications for business analytics
 - Assembled a comprehensive dashboard of analytical tools for information identification, extraction, analysis, retrieval, and indexing
 - Wrote maintainable and extensible code in java and added documentation to existing software codebase
- **Intel** Folsom, CA
Firmware Validation Intern *Jun 2016 - Aug 2016*
 - Worked closely with NSG team responsible for firmware validation on NVMe SSD's
 - Built test systems (open and closed case) for distribution
 - Maintained test racks for NSG lab and installed software
 - Worked with various members of the NSG team to perform inventory on SSD's
- **Office of Undergraduate Admission** Santa Clara, CA
Student Admin *Oct 2017 - Present*
 - Worked with student operations group to ensure a smooth admission process
 - Added prospective students into the system by uploading prospective data files
 - Wrote automation script in Python to simplify uploading and labeling processes
 - Identified prospective students who have been incorrectly frozen and remove duplicates

PERSONAL PROJECTS

- **Portfolio Manager:** Data visualization application that allows user to track investment progress by presenting real time company information and providing data such as unrealized gain/loss, percent change, and more in a simple layout. (Java, JSOUP, ORM lite)
- **ApexDentalFolsom.com:** A website developed for local dental clinic with photos, comment submission capability, embedded map, blog, and contact form. This website features a responsive layout that can adapt to screens of any size, and is optimized for mobile users. Sub-pages are interlinked to boost search engine ranking. (HTML5/CSS3, Wordpress, Jetpack)
- **GrabTheAux (in progress):** Web application allowing users to create cross platform collaborative playlists, with the ability to add songs from Spotify, YouTube, and Soundcloud. (HTML5/CSS3, Bootstrap, React.JS, phpMyAdmin, npm)

TECHNICAL STRENGTHS

- **Languages (Fluent):** C++, Java
- **Experience with:** Python, HTML5/CSS3, Javascript, SQL
- **Libraries and Frameworks:** Spring, Jsoup, React, Numpy
- **Tools:** Spring Tool Suite, TestNG, Gradle, Git, Vim, PostgreSQL, npmJS, Linux, LaTeX, Wordpress
- **Other:** Familiar with taking high quality digital photographs and editing with Adobe Lightroom and Photoshop