James Nguyen

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EDUCATION

San Jose State University, San Jose, CA — **B.S., Computer Science**   **DEC 2021**
GPA: 3.91, Dean's Scholar
Relevant Coursework: Data Structures and Algorithms, Object-Oriented Design, Computer Systems, Computer Architecture, Operating Systems, Mobile Device Development, Database Management Systems, Information Security

TECHNICAL SKILLS

Languages: Java, JavaScript/ Node.js, C, Python, SQL, React.js, HTML5/CSS3, Assembly (MIPS)
Software & Tools: Android Studio, Jira, Confluence, Git, Adobe XD, Linux, MongoDB, Visual Studio, Eclipse, MS Office

WORK EXPERIENCE

Software Engineer Intern   **MAY 2021 – AUG 2021**
Varian Medical Systems —Palo Alto, CA
- Developed and executed Python automation test scripts for the TrueBeam radiotherapy treatment application which reduced 86+ hours of manual testing per release cycle
- Analyzed and verified 20+ control safety requirements through UI automation of end-to-end workflows and test plans devised using Quality Center
- Collaborated with team members by contributing to daily SCRUM meetings, participating in code reviews, and utilizing Azure DevOps Server for version control
- Resolved bugs and contributed code to the internal testing framework that is shared by multiple teams

Software Quality Assurance Intern   **NOV 2020 – MAY 2021**
NETGEAR —San Jose, CA
- Performed end-to-end testing on Nighthawk and Orbi mobile applications by verifying integration of cloud account features, connection of routers, and implementation of software subscription services
- Designed and implemented test plans to identify 50+ bugs and ensured new features are aligning with the acceptance criteria before application releases
- Coordinated with product development engineers to diagnose product failures by practicing Agile lifecycle methodologies and managing SQA tickets through JIRA
- Collaborated with the Software QA team by delivering daily status updates and training new interns

PROJECTS

Tourtellini – *Java, Python, Flask, React.js, HTML, CSS*   **JAN 2021**
- Collaborated with a team of four to develop an augmented reality Android application which was awarded Most Creative Radar.io Hack and placed 2nd out of 100+ teams
- Integrated various Cloud APIs including Yelp, Google Maps, and Radar to allow users to discover information about nearby places and tour locations recommended by others through the website

Spotify Party Player – *Socket.io, Express.js, React.js, HTML, CSS*   **DEC 2020**
- Implemented a web application to enable Spotify users to join an online room, queue their music, and share their discoveries with others across the world
- Incorporated a web scraper which extracts data from the Billboard Hot 100 website and generates a random song allowing users to explore new artists and music genres

EduFy.space – *MongoDB, Express.js, React.js, Node.js, HTML, CSS*   **NOV 2020**
- Led a team of two to develop a full-stack productivity platform that assist students and educators in time management by incorporating a goals tracker as well as an in-app rewards system to motivate users
- Prototyped and implemented various user flows as well as developed a RESTful backend for JWT authentication and database management

LEADERSHIP EXPERIENCE

Industrial Chair   **AUG 2020 – MAY 2021**
SJSU Society of Asian Scientists and Engineers (SASE) —San Jose, CA
- Collaborated with various companies to devise networking opportunities for 30+ members such as resume workshops and career panels
- Increased membership retention by 300% by revamping the mentorship process and integrating a "kick-starter" program that allow members to participate in a semester-long technical project