

Tanya Sonker

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EDUCATION

Santa Clara University

Bachelor of Science in Computer Science, Minor in Mathematics

Santa Clara, CA

Grad. June 2020

SKILLS

Languages: C++, SuperCollider, HTML, CSS, JavaScript, TypeScript, Node.js, LaTeX, PHP, Golang, SQL

Frameworks and Tools: Git, Angular, Karma, Jasmine, Docker, MongoDB, VS Code, Invision Studio

EXPERIENCE

Ericsson Wireless Office

Software Developer, UX Designer

Plano, TX

Sep 2021 – Feb 2023

- Added Internationalization and Localization to Angular app using [ngx-translate](#) library.
- Created unit tests for 25% of the codebase's Angular components using TypeScript, Karma, and Jasmine.
- Led UI/UX for a new product release by working closely with stakeholders to design wireframes in InVision Studio.

Santa Clara Laptop Orchestra (SCLOrk)

Computer Musician, Engineering Intern, Teaching Assistant

Santa Clara, CA

Jan 2018 – Aug 2021

- Built a Graphical User Interface (GUI) in SuperCollider and C++ to enable mirror functionality for QuNeo.
- Designed and developed an official [website](#) for SCLOrk in HTML, CSS, and JavaScript.
- 1 of 4 students chosen to be in [Dr. Bruno Ruviano's](#) pilot program; Recruited out of ensemble as a Teaching Assistant.

Santa Clara University

Computer Science Teaching Assistant

Santa Clara, CA

Jan 2018 – Mar 2020

- Recruited as a Teaching Assistant, a position not open to applications, by [Dr. Natalie Linnell](#).
- Taught fundamental programming concepts and helped debug about 15 students' C++ code every lab session.

Mesh7 (acquired by VMware)

Software Engineer Intern

Sunnyvale, CA

June 2019 – Aug 2019

- Rebuilt open-source project [Sock Shop](#) for a container security startup which was used as a microservices [demo](#) e-commerce website to clients.
- Redesigned UI elements and developed the front-end using HTML, CSS, JavaScript, and MongoDB.
- Improved the demo by implementing text receipt functionality using the Twilio API, Node.js, and Golang.
- Debugged and eliminated 15 critical security vulnerabilities in package dependencies and added support for SQL injection vulnerability.
- Built and maintained codebase on GitHub; Distributed container images on Docker Hub.

PROJECTS

Grocery Helper

Front-End Developer

Santa Clara, CA

Sep 2019 - Dec 2019

- Built the front-end in HTML, CSS, and JavaScript for a [web application](#) (in a team of 6) to enhance one's grocery shopping experience by keeping track of items bought and estimating their expiration dates.
- Automated reminders for expiring items through desktop push notifications by writing a Python script.
- Created server-side PHP scripts to populate drop-downs of categories suggesting food items to add to a grocery list.

AWARDS

- Awarded 20,000 points by stakeholders for collaboration through [Ericsson's recognition program](#) for achievers.
- Awarded the competitive student scholarship (full-ride) to attend the [Grace Hopper Celebration](#) 2019.
- Chosen as a [Rewriting The Code Fellow](#) for the academic year 2019-2020.