

Yuri Tatishchev

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SKILLS

Languages: C++, Python, Nix, Java, JavaScript, TypeScript, HTML/CSS, SQL, Dart
Frameworks: Django, Node.js, Next.js, SvelteKit, Vue.js, Flutter, Firebase
Databases: SQLite, PostgreSQL, Google Cloud Firestore, MongoDB, Redis
Tools: Git, GitHub, Google Cloud Platform, Linux, Docker, Ansible, NixOS, SSH, TCP/IP
General: Teamwork & Leadership, Written Communication, Fluent in English & Russian

EDUCATION

San Jose State University

BS in Computer Science

San Jose, CA

Expected May 2026

- **Organizations:** Software and Computer Engineering Society (SCE Dev Team)

De Anza College

AS in Computer Science

Cupertino, CA

June 2024

EXPERIENCE

Technical Assistant Volunteer

Apr 2022 – June 2024

CompTechS – campus organization providing technology assistance for students in need

Cupertino, CA

- Diagnosed and performed component-level laptop repairs to achieve optimal working condition
- Identified issues in BIOS firmware and Windows, researching and applying fixes to ensure **0 errors and warnings**
- Onboarded **4 new volunteers**, explaining process and ensuring compliance with data confidentiality policy

Software Engineer

Nov 2020 – June 2023

PilotCity – startup connecting employers to students looking for work experience

San Leandro, CA

- Created a dashboard in Vue.js, pulling data from MongoDB to improve management's access to 10,000s of data points
- Prototyped a chat plugin in Vue.js and Node.js to test initial version of the platform's development kit
- Identified a major security issue in website API and collaborated with team to **maintain 1,000s of users' privacy**

Software Engineer Intern

Feb 2020 – Aug 2020

Alan AI – AI platform to integrate voice agents into apps with contextual awareness

Sunnyvale, CA

- Led development in a team of 6 interns on a task manager mobile app with a voice interface powered by Alan AI
- Implemented a full-stack solution with Flutter frontend and Firebase backend

PROJECTS

SCE Spartan Compass | *TypeScript, Next.js, shadcn/ui, PostgreSQL, Docker*

Nov 2024 – present

- Worked in team on a full-stack web app to make it easy for SJSU students to find good course sections
- Helped onboard developers, collaborated on 5+ issues, reviewed **15+ pull requests**
- Used a GraphQL API to retrieve professor and ratings data, giving insight into 10,000s of data points

VPGen | *TypeScript, SvelteKit, Drizzle ORM, SQLite, Docker, Woodpecker CI*

Oct 2024 – present

- Built web app to automate home VPN solution, making it easy for friends/family to bypass internet censorship
- Self-hosted deployment, using the OPNsense API to integrate nicely with existing network infrastructure
- Automated container image builds using Woodpecker CI, quickly catching broken releases

Alpina | *Linux, Ansible, Jinja, Python, grafanalib, Docker, docker-compose*

July 2022 – present

- Provisioned a home server with Ansible, running **10+ services** and personal projects for \$0.00
- Set up staging environment to stability test new features before deploying to production
- Monitored metrics and logs for machines and containers using Grafana, Prometheus, and Loki

Access Controller for ZenDesk | *Python, Django, PostgreSQL, Docker, GitLab CI*

Feb 2021 – May 2021

- Co-led team of interns to develop an internal company tool based on the ZenDesk API
- Oversaw Python/Django codebase with tests and documentation and packaged the app as a Docker container
- Saved company **\$10,000-20,000** annually in reduced licensing costs