



# ROBERT VACCARO

Software Engineer

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## SKILLS

### Programming Languages:

JavaScript, Swift, Python, C++

### Frontend Development:

React.js, Vue.js, HTML, CSS

### Backend/Server:

Node.js, Flask-RESTPlus, FastAPI

### Database Management:

MongoDB, PostgreSQL

### GUI Development:

PyQt5, Tkinter

## EDUCATION

**Diablo Valley College, 2021**

Computer Science

**Thinkful, 2019**

Software Engineering

**Gonzaga University, 2017**

Communications

## RELEVANT EXPERIENCE

### **August Home, Software Engineer - iOS**

**March 2022 - Present**

- Design, develop and test the iOS applications
- Interface with the firmware running on August hardware and the server-side APIs
- Architect and form the SDK for the partner integrations with August products
- Handle various app version bumps and push the three different apps to the App Store

### **Intelligent Racing, Senior Software Engineer**

**May 2021 - May 2022**

- Built the iOS version of the company's gaming and autonomous driving software both in China and the US
- Designed, wrote and maintained the app's backend (Node.js and MongoDB) in both China and the US
- Created a Content Management System using React.js that connects and switches between the servers in China and the US
- Assisted in forming the autonomous driving python software

### **Aliza Technologies, Software Engineer**

**February 2020 - May 2021**

- Created and deployed pipelines to source, analyze, and store data for the training of generative neural networks
- Developed various applications with React.js, Vue.js, PyQt5 and Tkinter while using MongoDB, PostgreSQL, Flask-RESTPlus and FastAPI for the backend

### **Google, Adwords Sandbox Technician**

**March 2019 - February 2020**

- Formulated query models to improve user search results for the Local Services Ads team
- Communicated with providers and developed documentation to help evolve different vendors and UX teams

### **Vituity, ASAP Assistant**

**July 2018 - February 2019**

- Engineered a tkinter GUI that automatically produces and organizes daily patient information at numerous hospitals, decreasing total work time from 8 hours to 1 hour