

# Jarrett Minton

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## Education

**Utah Valley University**, Orem UT

Fall 2018 - May 2023

Bachelors of Computer Science, GPA 3.56

**University of Utah**, Salt Lake City UT

Fall 2023 - TBD

PhD Student, Computer Science

Advisor: Dr. Rajeev Balasubramonian

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## Research Interests

Computer Architecture - Security - Energy Efficient Computing - Accelerators - Near Data Processing

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## Experience

**Instructional Assistant (IA) Manager**, Utah Valley University, Orem UT

Jan 2022 - Aug 2023

- Hosted office hours for student tutoring and questions about exams, projects, and assignments.
- Graded students exams, projects, and assignments with helpful feedback.
- Tutored students for all sophomore and lower level classes.
- Managed other tutors.

**Software Quality Engineer Intern**, Legrand, Pleasant Grove UT

Feb 2022 - Aug 2022 (*Seven months*)

- Design and execute systems to check for issues
- Code automated tests using Selenium
- Create test plans using Azure

**Grader**, Utah Valley University, Orem UT

Jan 2021 - Jan 2022 (*One year*)

- Graded projects and homework assignments for the following classes;
  - Gave helpful feedback for missed points on exams, projects, and assignments.
  - Discussed and clarified questions for exams, projects, and homeworks.
  - Collaborated with professors to help resolve class issues.
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## Projects

### **Veggie Check**

Vegan Scanning App with a backend API with over half a million entries. The backend is powered by Fast API, a python library, hosted on salesforce cloud platform, Heroku. Much of the data was scraped off the web using aiohttp, an asynchronous http client. All the data is stored in a SQLite3 database, and fetched on demand with little latency.

The front end is completely written in the Javascript framework React Native. Making it a cross platform, native app for both iOS (and soon to be on Android).

[Check it out on the iOS App Store!](#)