

JAMES R. JUNAIDI

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Education:

University of California, Davis

Bachelor of Science in Computer Science, exp. June 2022 | 3.884 GPA

- Minor in Economics (Data Analytics, Behavior, Policy).
- Coursework: Data Structures and Algorithms, Machine Dependent Programming, Object-Oriented Programming, Discrete Mathematics, Intro to Data Science, Java Programming, Intermediate Microeconomic Theory.

Technical Skills:

- Proficient in Programming: C++, C, Python, Java.
 - Coursework in Programming (C and Java), OOP, and Data Structures and Algorithms.
- Experience with: Swift, R, HTML/CSS, Javascript, XML, SQL.
- Versatile Development Environments: Unix (including Vim), Mac OS, Git, and Windows.
- Strong background in Statistics and Data Analytics, with some experience scripting in Python and R.
- Soft Skills: Effective communicator, team worker, and a quick learner, adaptable to different technologies.

Experience:

Student Web Developer at #include @ UC Davis (Jan. 2020 - Present) | Davis, CA

- Developed web pages for non-profit organizations, working with design teams and various front and back-end teams together to implement a complete website using HTML/CSS.

Teaching Assistant, AP Statistics, Vista del Lago HS (Jan. 2019 - May 2019) | Folsom, CA

- Graded assignments, helped students with class content, analyzed school survey content as part of a course rigor project.

Burger Chef at The Habit Burger Grill (Jan. 2019 - Aug. 2019) | Folsom, CA

- Worked an important role as a cook and built soft skills in teamwork, efficiency, communication, and quality control.

Technical Projects:

Komma (January 2020 - Present)

- Currently working on an iOS application that would create a unified platform as a community-driven events manager. I'm working in a team of 3 in Swift (with Xcode) and we are also building skills in Firebase databases and Git version control. It originally started out as an Android project (in Java and XML through Android Studio) where we build a semi-functional prototype at HackDavis 2020.

Personal Portfolio Website (April 2020 - Present)

- Built a fairly responsive website using HTML/CSS. It contains animations, alongside links to some of my featured work. I spent lots of time researching and debugging through videos and online forums learning basic web development.

ShopperAlert (March 2020)

- During LAHacks 2020, I built a Python application that is able to send text messages to people informing them of the inventory of essential items in stores. It could send/receive texts and contained a GUI used to send out inventory notifications to phone numbers in a database. We used the Twilio API and some Python libraries including Tkinter (for a simple GUI). We wanted to build something that can potentially help people out during the COVID-19 situation.

Coronavirus Growth Rate Tracker (March 2020)

- Wrote a simple Python script that takes in the number of coronavirus cases per day in the US and does some data calculations in order to see how the rate of growth of the new daily case numbers.

Statistical Analysis of COVID-19 Genomes (March 2020)

- Wrote some scripts in R to perform some analysis of genomes in the Washington cases of the COVID-19 outbreak, investigating differences between the Washington genomes and other genomes throughout the rest of the world using Levenshtein Distances.

Molar Mass Calculator (November 2019)

- Built a program in C that calculated molar mass when given a chemical compound. Utilized file I/O, user input/output, structures, and search and sort algorithms. Essentially a culmination of multiple C language features.