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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.
- 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 with: C, C++, Java, Python.
    - Coursework in Programming (C and Java), OOP, and Data Structures and Algorithms.
- Experience with: Swift, R, HTML/CSS, Javascript, XML, SQL.
- Use of Unix, Mac OS, Git, and Windows for development, including Android Studio and Xcode. Familiar with JetBrains IDE's, and the Vim text editor. Main text editor used is Sublime Text.
- Strong background in Statistics and Data Analytics, with experience scripting in Python and R.

Experience:

Student Web Developer at #include @ UC Davis (Jan. 2019 - Present) | Davis, CA

- Program web pages for non-profit organizations, working with design teams and multiple front and back-end teams together to implement a complete website.

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

- Graded assignments, helped students with class content, analysed school survey content.

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)

- Built a semi-functional android application to create a unified platform to curate events, increasing accessibility for events around campus for all people. Utilized android studio, with Java, XML, Firebase, and Git as our general tools. Currently reworking it for iOS in Xcode, with Swift.

Personal Portfolio Website (April 2020 - Present)

- Built a fairly responsive website using HTML/CSS. Contains animations, alongside links to some of my featured work. Spent lots of time researching and debugging through videos and online forums.

ShopperAlert (March 2020)

- During LAHacks 2020, built an application that is able to send text messages to people informing them of inventory of essential items in stores. It was able to send and receive tests, and contained GUI used to send out inventory notifications to phone numbers in a database. It used Python, alongside the Twilio API and some Python libraries including tkinter (for a simple GUI).

Coronavirus Growth Rate Tracker (March 2020 - April 2020)

- Wrote a simple Python script that takes in the number of coronavirus cases per day in the US and does some analysis to see how the growth rates are changing over time.

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, structures, and search and sort algorithms.