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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 (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 Programming: 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.
- Development tools include Unix, Mac OS, Git, and Windows for development, including Android Studio and Xcode. Familiar with JetBrains IDE's, Vim, Sublime Text, and Visual Studio Code (including live share).
- 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

- I developed web pages for non-profit organizations, working with design teams and various 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, analyzed school survey content as part of a 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)

- 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. 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 an 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 Python, alongside 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 - 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.