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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 | 3.93 GPA

- Minor in Economics (Data Analytics, Behavior, Policy).
- Relevant Coursework: Data Structures, Machine Dependent Programming, Discrete Maths, Intermediate Microeconomics, Introduction to Data Science, Object-Oriented Programming in C++, Programming in C, Calculus 1-3.

## EXPERIENCE:

**RF Engineering Intern at T-Mobile:** June 2020 - Present | Sacramento, CA

- Engineering intern with a focus on data from cellular network sites.
- Work includes modeling site data, data analysis, learning about networks, and preparing milestone reports.
- Working on automating spreadsheet tasks in Python and creating reports in PowerBI.

**Web Developer at #include @ Davis:** Jan. 2020 - Present | Davis, CA

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

**Software Developer (MVP) at Mozilla Spring Builder's Open Lab:** Apr. 2020 - June 2020 | Remote

- Developed a minimum viable product for an events management project under the guidance of startup experts.
- Worked using HTML, CSS, JS, and Firebase. Initially started in iOS (Swift) before transitioning to Web App.

**Statistics Teaching Assistant at 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

- Made burgers, salads, and sides and built soft skills in teamwork, efficiency, communication, and quality control.

## TECHNICAL SKILLS:

- Proficient in Programming:  C, C++, Python, Java.
  - Strong background in Data Structures & Algorithms, and Object-Oriented Design.
- Experience in: Swift, React, R, HTML/CSS, XML, SQL, AT&T Assembler.
- Versatile Development Environments/Tools: Unix, Mac OS, Windows, Git, Google Test.
- 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.

## TECHNICAL PROJECTS:

**Shopper Alert:**

- Built a Python application during LAHacks '20 (UCLA) that sends text alerts regarding the inventory of essential items to help people at high risk during the COVID-19 pandemic.
- It sent and received texts and contained a GUI used to send out inventory notifications to phone numbers in a database.
- Used the Twilio API and Python libraries including Tkinter (for a simple GUI).

**Data Structure Implementations:**

- Implemented various data structures from scratch using C++ (standard 2011).
- Implemented deque, stack, AVL tree,  set/multiset, map/multimap.

**Personal Portfolio Website:**

- Built a responsive portfolio website using HTML, CSS, and React.
- Contains animations, alongside links and pictures to featured work and a blog. There is a section where I built tic-tac-toe in React.
- Researched and debugged  in an unfamiliar environment and quickly learned through various forums and videos.

**Statistical Analysis of COVID-19 Genomes:**

- Wrote R scripts to perform analysis of genomes in the Washington cases of the COVID-19 outbreak.
- Investigated differences between the Washington genomes and genomes throughout the rest of the world with Levenshtein Distances.