

# JAMES R. JUNAIDI

linkedin.com/in/jamesjunaidi/ | jamesjunaidi.github.io | github.com/jamesjunaidi

---

## **EDUCATION:**

### **University of California, Davis**

Bachelor of Science in Computer Science | Exp. June 2022 | 3.93 GPA

- Minor in Economics.
- Relevant Coursework: Data Structures, Machine Dependent Programming, Discrete Maths, Intermediate Microeconomics, Introduction to Data Science, Object-Oriented Programming in C++, Programming in C, Calculus.

## **EXPERIENCE:**

### **Co-Founder and Developer at Komma:** Jan 2020 - Sept. 2020 | Davis, CA

- Co-Founder and developer of an events management application to connect students and organizations easily.
- Built a full stack web app using the MERN stack (MongoDB, Express, React, Node).
- Interacted with real UCD clubs and students to gain insights into building a real-world, useful application.

### **RF Engineer Intern at T-Mobile:** June 2020 - Sept. 2020 | Sacramento, CA

- Modeled cell site data, network cluster performance KPI's, and prepared milestone reports.
- Automated spreadsheet tasks in Python and created interactive reports using PowerBI and Qlik Sense.

### **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.

### **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, Javascript, React, R, HTML/CSS, XML, SQL, Assembly.
- Versatile Development Environments/Tools: Unix, Mac OS, Windows, Git, Google C++ Unit Test.
- Strong background in Statistics and Data Analytics, with experience scripting in Python and R.

## **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.
- Sent and received texts through a GUI used to send out inventory notifications to phone numbers in a database.
- Used the Twilio API (for text messages) and other Python libraries including Tkinter (for a simple GUI).

### **Data Structure Implementations:**

- Implemented various data structures from scratch using modern C++.
- Implemented deque, stack, AVL tree, set/multiset, map/multimap.
- Implemented a postfix calculator, prime factorization calculator, and task scheduler using the data structures.

### **Floating Point Calculator:**

- Implemented a calculator for 32 bit floating point numbers without using the "+" and "-" operators.
- Used C++ and inline Assembly to perform this task.

### **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.