Abdul Hanan Nawab

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EDUCATION

- **University Of California, Davis** — Davis, California
  Major in Computer Science And Engineering — *Class of 2025*
  Courses: *Introduction to Structured Programming, OOP in C++, Data Structures(Now), Calculus 1-3, Linear Algebra, Differential Equations, Physics 1-3, Discrete Mathematics/Structures.*

SKILLS SUMMARY

- **Languages**: C++, x86, HTML, CSS, JAVA, JavaScript
- **Tools**: GIT/Github, IDE (VSCode), Figma
- **Platforms**: Linux, Web, Windows, Unix
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **Software Engineering Intern** — Remote
  Design Hub - American River College — *August 2022 - November 2022*
  - **Data Management:**: Utilized given data and scraped to an excel sheet, would then process and create a web-based application.
  - **User-Experience/Front-End:**: Developed mock-up front-end designs for the application which would in turn help increase user-accessibility.Technologies utilized were HTML, CSS, JavaScript, and React.js
  - **Backend Development: (W.I.P.)**: Will be utilizing MongoDB to scrape and handle the datasets of the bathrooms, and integrate into the experience of the application.
- **Student Engineer and Technical Writer** — Remote
  NASA Aerospace Program — *March 2022 - June 2022*
  - **Technical Writer**: Wrote 10+ page technical paper on the habituation of systems in space travels and methods in which we could maximize efficiency by 15 percent.
  - **Engineer**: Learned the fundamentals of AUTOCad, and worked with other students in reviewing draft ups for rover designs. Would then make adjustments needed and implement in design.
- **Teacher's Assistant, Introduction to Structured Programming** — Remote
  Sacramento City College (Part-time) — *Jun 2022 - Present*
  - **Computer Science Tutor**: Assisted an S.C.C. professor in the coursework designed. Taught fundamental concepts to 100+ students and increased the passing rate of the class approx. 7%.
  - **B151 Lab Assistant**: Taught students that would visit the lab, and helped raise the amount of hours tutored to approximately 600 hours in one semester.

PROJECTS

- **Personal Portfolio Website/Blog**: (Work in progress) Utilized fundamental HTML, CSS & JavaScript to create a dynamic website with a contact form. Information is then stored onto a Database. Tech: HTML, CSS, JavaScript, Git/Github (July '22)
- **Employee DataBase Sorter**: Created a program which scraped information from a .txt file. Sorted 100+ employees along with their attributes. and sorted the information and displayed in a tabular format. Tech: C++, Git/Github, XCode, textEdit (August '21)
- **Virtual Grocery Store**: Created a virtual grocery store in the terminal.Utilized OOP concepts such as Polymorphism, Inheritance, Abstraction and Encapsulation. Contains 4+ isles which have mulitple options for user. Tech: C++, Git/Github, CLI. (January '22)

HONORS AND AWARDS

- Qualifier for Phi Theta Kappa - August 2021
- Section Meet Qualifier 1600m, CIF State. (Track And Field) May, 2019
- Varsity Letter, Track and Field, Cross Country - May, 2019

VOLUNTEER EXPERIENCE

- **President of the ACM Los Rios Chapter** — Sacramento CA, United States
  Conducted online and offline technical & soft-skills training impacting over 500+ students. — *Jan 2019 - Present*