

Ramyanaga Nagarur

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OBJECTIVE

To seek opportunities to apply and expand my knowledge in programming, software development, and problem-solving within the field of computer science and learn from corporate professionals to shape my career.

EDUCATION

Orlando Science Middle High Charter

Orlando, FL

High School Scholar Diploma, Project Lead the Way Engineering Diploma, Advanced Placement Scholar Diploma

May 2023

Relevant Coursework: AP Calculus AB, AP Physics 1&2, AP Computer Science Principles, PLTW Introduction to Engineering Design, PLTW

Principles of Engineering, and PLTW Aerospace Engineering

Valencia College

April 2023

Finished General Education courses

University of Central Florida

Bachelor of Science in Computer Science (Pending)

May 2027

Burnett Honors College

Relevant Coursework: Calculus with Analytic Geometry II, Concepts in Computer Science, Intro to C, Intro to Discrete Math, Object Oriented

Programming, Computing in Security

HONORS

Florida Bright Futures Medallion Scholar

Valencia President's List (2 Semesters)

UCF President's Honor Roll Certificate

Pegasus Gold Scholar Recipient

AP Scholar Award

PAST EXPERIENCE

CHEP

July 2022

Logistics Intern

- Analyzed CHEP's Regenerative Supply Chains and leaks/losses of their plastic and wood pallets
- Presented Pallet Asset Distribution to CHEP industry professionals

Junior Knights

Jan-Feb 2023

Teaching Assistant

- Taught 20 high schoolers Python every Saturday from 10 AM-1 PM.
- Created practice problems and notes and helped the students debug and resolve issues.

PROJECTS

Pomodoro Website x Girls Who Code

Aug-Dec 2023

Developer

- Developed a website for students to maximize their study times with a timer and task list and earned stickers when finished.
- Used HTML, CSS, and Javascript for structure, styling, and interactions.

"All in One" Website x Girls Who Code

Aug-Dec 2023

Developer

- Developed a web app for habit tracking and task management, featuring 7-day visuals and a monthly calendar.
- Integrated real-time weather updates using WeatherAPI for location-specific weather information.
- Implemented dynamic task and note management functionalities using JavaScript, HTML, and CSS.

Hill Cipher

Developer

June 2024

- Implemented a Hill cipher encryption system in C, showcasing strong algorithmic skills and enhancing data security in digital communication.
- Applied cryptography concepts to create a Hill cipher algorithm, demonstrating proficiency in data encryption techniques in software development.

SKILLS:

Trained using CAD programming Python and Java, currently pursuing C