

# Aaron Bading

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## SUMMARY

Computer Engineer who is enthusiastic about Math and Computer Science. Currently interested in the cryptocurrency space, blockchain technologies and learning new tools that involve programming.

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## EDUCATION

### **Bachelor of Science, Computer and Electrical Engineering**

May 2022

University of West Florida, Pensacola, FL

**GPA:** 3.78

**Relevant Coursework:** Data Structures, Discrete Mathematics, Systems & Networks, Digital Design, Algorithms, Electronics, Power

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## SKILLS & ABILITIES

- **Programming Language:** C/C++/C#, Python, HTML, CSS, JavaScript, VHDL
- **Technologies:** Linux, Git, Vim, Bash scripting, NodeJS, AWS-LightSail, MATLAB, Multisim, UML
- **Interpersonal:** Bilingual in English, and German, 3+ years Jiu Jitsu

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## PROJECTS

- Successfully designed and setup an active Flare Time Series Oracle (FTSO) Price Provider in both NodeJS and Python. Find the Provider's website at [knotnodes.com](https://knotnodes.com).
- Senior Capstone Design Project – Argo Robo Boat aims to be an autonomous boat that works with sensors such as LIDAR, GPS, IMU and more. It uses ROS (Robotics Operating System) to incorporate all data together in software.
- Traveling Salesmen problem – Developed a C++ program which produced the brute force best solution and a genetically inspired approximate solution to show intractable algorithms performance.
- Internship project at the IHMC involving Embedded systems and programming with the family of STM32 Microcontrollers.
- Audio amplifier – Designed and implemented a transistor circuit that served as an amplifier for our audio signal.

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## RELEVANT EXPERIENCE

### **Tutor, Pensacola State College MathLab**

August 2018 – December 2021

- Tutoring in various subjects of Math and Programming (Arithmetic, Algebra, Calculus and Physics). Tutoring involved managing and helping several students at a time both online and in-person.