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|  | Bronson Ianno  Computer Science / Mathematics | | |  |
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| Contact 3727 Windover Road Murrysville, PA 15668  724-480-6844  bxianno23@gmail.com | | Objective Seeking a software engineering position to leverage my technical proficiency and problem-solving capabilities in developing, testing, deploying, and maintaining software. Committed to working within a high-performing team that adheres to best practices and industry standards in the software development lifecycle, with a goal of driving technological advancements and contributing to the successful execution of software strategy and initiatives. | | |
| Education **Penn State University**  State College, PA  Major: Computer Science  Distinction Cum Laude  Minor: Mathematics  Minor: Computer Engineering  3.86 GPA  Graduated August 2023  **Coursework**  Computational Math  Linear Algebra  Discrete Math  Structures & Algorithms  Intro to Computer Systems  Circuit Design  Intro to System Programming  Object Oriented Programming  Software System Construction  Database Management  Digital Design | | Experience June 2022 – August 2022  **Paid Software Engineering Intern** •Carnegie Robotics • Pittsburgh, PA   * Collaborated with development team to assist in design, development, and testing of software applications. * Developed python scripts to test camera systems through computer vision testing. * Focused on OpenCV image work. * Worked with serial communication parsing and data transfer * Participated in code reviews and learned about Team collaboration using Github * Contributed to the maintenance of documentation of software design, architecture and implementation.  Certifications 2024  **Meta Front End Developer Certification** –Front-End Developer with specialized training from Meta, proficient in modern web development technologies and best practices. Demonstrates strong expertise in HTML, CSS, JavaScript, React, and responsive design. Equipped with hands-on experience in building and optimizing user-centric web applications. Committed to continuous learning and applying innovative solutions to create engaging and efficient user interfaces. (still finishing final details on capstone)  2024  **Certified AWS Cloud Practitioner**  Certified AWS Cloud Practitioner with a solid understanding of core AWS services, cloud concepts, and security best practices. Skilled in deploying and managing cloud solutions, optimizing performance, and ensuring cost-efficiency. Adept at collaborating with teams to implement scalable and reliable cloud infrastructure.  2024  **Passed AWS Associate Developer**  AWS Certified Developer - Associate with expertise in designing, deploying, and maintaining scalable cloud applications on AWS. Proficient in leveraging AWS services like Lambda, DynamoDB, and S3 for optimal application performance. Strong problem-solving skills with a focus on enhancing cloud efficiency and reliability. Activities  * Penn State Robotics Club   + Build and Program prototypes * Penn State Hack PSU Organizer   + Student led hackathon organization | | |
| Key Skills Java, JavaScript  Python  C, C++  HTML5, CSS, React  AWS  Data Structures  MATLAB  SQL  UX/UI Design Figma  JSON  C# via Unity | | Projects  * Developed Website Framework in python with Flask incorporating interaction with SQL Database | | |

Not included anymore – don’t like explaining this internship because discussion wise it has little merit

June 2021 – August 2021

Paid Summer Computer Science Intern • Choitek • Pittsburgh, PA

* Programmed microcontroller devices for robotic applications.
* CAD design of robotic arm systems.
* Electrical assembly and QA test verification.