|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Bronson Ianno  Computer Science / Mathematics | | |  |
|  | |  |  | |
| Contact 3727 Windover Road Murrysville, PA 15668  724-480-6844  BXI23@PSU.EDU | | Objective Seeking a software engineering position to leverage my technical proficiency and problem-solving capabilities in developing, testing, deploying, and maintaining full-stack, service-oriented enterprise-grade 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 BNY Mellon’s technology 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 provided constructive feedback to improve code quality of peers. * Contributed to the maintenance of documentation of software design, architecture and implementation. * Worked with version control systems (GIT) and agile development practices. * Prepared and executed test plan and test data and recorded test results.   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.  Activities  * Penn State Robotics Club   + Build and Program prototypes (add languages used) * Penn State Hack PSU Organizer   + Student led hackathon organization * Post-Graduation Independent Travel Experience in England and Wales, UK | | |
| Key Skills Java  Python  C, C++  HTML5, CSS  Data Structures  MATLAB  SQL | | Projects  * Developed Website Framework in Flask for interaction with SQL Database * Built and programmed personal computer using Windows/Linux * Self-Study on Cloud Technologies and Applications  References [Available upon request.] | | |