Bronson Pittsburgh, PA| [www.linkedin.com/bronson-ianno-716213220](http://www.linkedin.com/bronson-ianno-716213220)

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I am a dedicated software engineer with a proven academic record and a strong commitment to learning industry technologies through self-study and hands-on experience.

* Solid foundation in web programming, acquired through online courses and practical experience
* Three years of experience in relational databases and SQL
* Familiar with Full-Stack development and proficient in incorporating React websites with Back-End MVT/MVC frameworks
* Worked with agile methodologies and collaboration with development teams at Carnegie Robotics.
* I contributed to code reviews and implemented user feedback.
* I have developed unit and integration tests in web environments

Experience  
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. With Image recognition of QR Tags for testing of camera output and integration.
* I participated in code reviews and learned Continuous Integration techniques with GitHub.

Certification / Courses / Projects

Meta Backend Developer Certification

Certification course focused around back-end development of APIs and developing web applications around MVT Framework.

* Learn to use programming systems including Django, HTML/CSS, Git, SQL, Version Control, Cloud hosting, APIs, JSON, and XML
* Developed functional APIs in Django-Rest Framework to support User Authentication and Authorization, Database Operations including serialization, filtering, and ordering, utilized HTTP/S methods and protocols
* Utilize MySQL and database operations in Web app, focus on Data Encapsulation
* Capstone project based on developing Restaurant Web App in the MVT Framework

WPF Guide on Udemy  
.Net course with goal of learning the syntax and implementation of XAML and C# for construction of Windows Applications

* Implement core principles of Windows Applications such as control panels, menus, dialogs, databinding, navigation, animations, and events
* Focus on MVC framework and user controls
* Capstone project on developing mock Microsoft App Store

Meta Front-End Developer Certification

Front-End Development Certification course focused on developing UI interfaces and creating functional Web Application Interfaces

* Create responsive websites using HTML, CSS, and JavaScript to develop interactive experiences.
* Utilize React in relation to JavaScript libraries and frameworks.
* Learn Bootstrap CSS Framework to create webpages and work with GitHub repositories and version control.
* Capstone Project based on developing concise UI in Figma then developing mock Restaurant Application with React.

AWS Certifications

Completion of AWS Cloud Practitioner and Associate Developer Certification

* Strong Understanding of AWS cloud, services, and terminology
* Knowledge of cloud development, optimization, and deploying applications

Education

Bachelor of Engineering – Computer Science

The Pennsylvania State University – University Park

August 2019- August 2023 GPA 3.86 Minors: Computer Engineering, Mathematics

Programming Languages

* Python
* Java
* JavaScript/TypeScript
* C/C++
* SQL
* HTML / CSS
* Matlab
* C#

Frameworks / Technologies

* AWS
* Cloud Practitioner

Associate Developer

* React
* Django
* .Net WPF
* Unity
* MVC / MVT Frameworks
* Asp.Net