BRONSON IANNO

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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 within agile methodologies and collaboration with development teams at Carnegie Robotics,
- I contributed to code reviews and implemented user feedback.
- Additionally, 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.
- Participated in code reviews and learned about Team collaboration using GitHub

CERTIFCATIONS/ 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 API 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 controls, panels, menus, dialogs, databinding, navigation, animations, and events
- Focus on MVC framework and user controls
- Capstone project on developing mock Microsoft App Store

META FRONTEND 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 Cum Laude	Minors: Computer Engineering, Mathematics

LANGUAGES/SKILLS

- 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