

## Nelson Mendez

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### SUMMARY

I am a first generation college graduate from the University of Maryland with a passion for developing scalable web applications and computer software systems. My goal is to obtain an entry level position to further expand my experience as a Software Engineer to make a greater impact in any project I may be involved.

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### TECHNICAL SKILLS

- **Programming languages:** Java, JavaScript, Node.js, PHP, Python, SQL, HTML5/CSS3, C, Dart
- **Frameworks:** Laravel, Express.JS, Flutter, Bootstrap, React.JS
- **Tools:** Npm, Git, jQuery, FireBase, Figma, VS Code, Eclipse IDE, MySQL workbench, MS Excel, Jupyter notebook, Terminal, Insomnia, Socket.IO, Github / Gitlab, Homebrew
- Familiar with Blockchain technologies such as Web3.js, Ethereum, and MetaMask / Trust Wallet.
- Experience with File parsing, Unit tests, OOP class design, MVC, RESTful APIs
- Professional experience MacOS and Linux
- Speak, read, and write in English and Spanish

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### EDUCATION

**University of Maryland – College Park, Maryland**

January 2018 - December 2021

***Bachelor of Science in Information Science (BSIS)***

Relevant Coursework:

- Introduction to C Programming
- Object Oriented Programming I (Java)
- Object Oriented Programming II (Java)
- Dynamic Web Applications
- Programming for Information Science (Python)
- Database Design and Modeling (SQL)

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### RELEVANT EXPERIENCE

#### **Full Stack Developer**

SocSoter

August 2021 - Present

*Hagerstown, MD*

- Worked as a full-stack developer in a small team agile environment, responsible for the frontend, backend, and database of the web application. Also in charge of the design team using collaborative work with Figma wireframes.
- MVC design pattern, Laravel framework with PHP as a backend using OOP principles and the Eloquent ORM. Used Technologies such as Blade, Bootstrap, and jQuery for the frontend and MySQL for database management and manipulation.
- Developed the Vulnerability Management System by using API integrations from a 3rd party company. This project is a new service designed to perform network scans with credentials such as an ssh or WinRM to detect and reduce the open vulnerabilities.

#### **Code Instructor (remote)**

Code Super Powers

July 2020 - September 2021

*Bowie, MD*

- Lead instructor for various courses including Python, game development and web development with HTML/CSS and JavaScript
- Assisted the director with tutoring students and managing students in a classroom setting.
- Created curriculums for classes in advanced coding such as JavaScript, HTML, Python and Roblox game design

#### **Mobile Application Developer Intern (remote)**

Bizzie Co LLC

June 2021 - August 2021

*Miami, FL*

- Took part in a summer internship with a start up company. Worked with a small team to develop a networking app called Bizzie
- Main technologies used were Dart, Flutter and FireBase. Responsible for implementing the user interfaces as well as backend functionality. Wrote unit tests to identify bugs in early development.
- Completed the register/login page and profile page UI along with backend functionality using data stored in FireBase.