

Michael Avendano

Software Engineer

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github.com/avenmia

Skills

| | |
|---------------|---|
| Languages | C#, TypeScript, JavaScript, Python |
| Technologies | Vue.js, React.js, Node.js, ASP.NET Core, CosmosDB, MSSQL Server |
| Coding Styles | Coding by Intention, Test Driven Development, Object Oriented Programming |
| Soft Skills | Strong Work Ethic, Self-Motivated, Communication, Collaboration |

Work Experience

Software Engineer

01-2019 to Present

Pangaea Information Technology

- Creating RESTful APIs in ASP.NET Core, ASP.NET, and Node.js with Azure Functions.
- Working as a front-end developer with TypeScript & React.js.
- Working as a back end developer using C# with ASP.NET Core and SQL Server.
- Using Test Driven Development to implement features.

Volunteer

01-2022 to Present

Code For Hawaii

- Triaged issues and contributed code to the Code For Hawaii website.
- Onboarded new members by providing tutorials and familiarizing them with the code base.
- Helped facilitate meetings.

Research Assistant

06-2018 to 12-2018

Electronic Visualization Laboratory at University of Illinois at Chicago

- Gained experience using Node.js and Express.js to handle data requests primarily utilizing WebSockets.
- Utilized Mongoose to interface with MongoDB to create schemas and store live data efficiently.
- Used Vue.js to create intuitive front-end interfaces to interact with remote devices.
- Worked with various APIs for devices such as microphones and Z-Wave devices.

Teaching Assistant

08-2017 to 12-2018

University of Illinois at Chicago

- Explained concepts such as graphs, maps, trees, sorting algorithms, run-time analysis to students.
- Analyzed other students' code to help debug and lead them to the appropriate solution.
- Maintained consistent office hours to ensure that students understood the concepts being taught.

Education

University of Illinois at Chicago

01-2017 to Graduated 12-2018

Degree Bachelor of Science

Major Computer Science

University of Illinois at Chicago

08-2012 to Graduated 05-2015

Degree Bachelor of Science

Major Physics

Professional Associations, Activities, Achievements

- Association for Computer Machinery
- 2nd Place Team in UIC Google Games
- CompTIA Security+ Certified