

Max Durbin

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Education

Missouri Western State University (August 2020 - May 2022)

B.S.

Computer Science

North Central Missouri College (August 2018 - May 2020)

Associates in Arts

Projects

Web Applications: In my most recent project at Mo West I worked in a 5-person team to re make the Buchanan County Purchase Ordering System. Though simple it demonstrated an understanding of database normalization, security, and an ability to learn and connect technologies during development.

The project was created to learn and compare agile and waterfall methodologies. During this time, we also learned how to document and test systems using UML documentation and unit testing.

Programs/Simulations: For non-web-based work in GUIs and simulation applications I have relied on python and java. A python library called PyAutoGUI was what originally got me hooked on programming. With this library and minimal web scraping I was able to automate an algorithmic trading bot that displayed thorough statistics using Matplotlib. Later I would experiment more with GUI's using JavaFx before moving towards web development.

Team Skills

Communication: A team needs to be able to communicate effectively. I place an emphasis on fast communication because it facilitates a coordinated team.

Critical Problem Solving: I enjoy a diagnostic approach to problem solving. When a core issue is isolated, it is prudent that changes be created as a, or within, a modular component. Solutions are better when they lend themselves towards future modification or replacement by having well-defined interfaces between each other and users.

Links

GitHub – <https://github.com/MaxDurbin>

Email – maxleedurbin@gmail.com

LinkedIn – www.linkedin.com/in/max-durbin-58b022201

Reference

Yipkei Kwok: ykwok@missouriwestern.edu (816) 271-4523

Languages

- Python
- Java
- JavaScript
- React
- C++
- PHP
- HTML - CSS
- SQL
- x86 Assembly

Technologies

- Sass
- JSON
- Bootstrap
- VS code
- Vue.js
- Linux
- Angular

About Me

In my last year as a student at Missouri Western I've been emphasizing JS, PHP, SQL, HTML, and CSS. More than the languages themselves I'm interested in how they connect and make projects that can store manipulate, store, and display data in an interactive way. I love the process of bringing these technologies together to form intuitive products.