

Mark Trupiano

mtrupiano.me/github | mtrupiano.me/linkedin | mtrupiano.me/portfolio

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SUMMARY

Detail oriented, creative problem solver who takes the initiative to find innovative ways to efficiently complete projects. Fast learner who is passionate about continued learning in the latest technologies. Strong communicator with both technical and non-technical individuals. Productive while working autonomously and collaboratively as part of a team.

SKILLS

- Web development, RESTful APIs, object oriented programming, algorithms & data structures
- **Languages:** JavaScript, SQL, CSS, HTML, C++, Java
- **Technologies:** React, Node.js, Express.js, MySQL, MongoDB, Git

EDUCATION

Full Stack Web Development Certificate, UW Professional and Continuing Education (March 2021)

- Selected projects, more examples are on my GitHub:
 - **WebM8** - Bookmark managing application (webm8.herokuapp.com)
 - First full-stack web application, currently working on revising to use React
 - **Knowledge4Hire** - Forum style site promoting for-hire services (knowledge4hire.herokuapp.com)
 - Full stack site with features like rich text editing (draftJS) and instant messaging (SocketIO)
 - **Allmarket** - Cryptocurrency education and mock trading platform (mtrupiano.github.io/allmarket)
 - First foray into javascript, the DOM, and APIs

Graduate Certificate in Software Design and Development, UW Bothell (June 2020)

- Computer science and object oriented programming fundamentals, primarily using C++ on Linux
- Software design, development, and testing fundamentals with a focus on agile methods and TDD

Bachelor of Science, Mechanical Engineering, UW Seattle (June 2015)

- Undergraduate TA with instructional experience involving computer-aided design course
- Collaborated on several medical device student design projects

EXPERIENCE

Mechanical Design Engineer, Creative Motion Control (October 2019 — October 2020)

- Worked with sales team to translate customer order details into actuator technical build documentation
- Fast-paced development and test of components/assemblies designed to meet customer requirements

Mechanical Design Engineer, MagnaDrive Corporation (January 2019 — October 2019)

- Interfaced with customers on configuring couplings to fit their machines
- Automated design documentation using SolidWorks VBA macros

Mechanical Design Engineer, Vioguard Inc. (January 2017 — May 2018)

- Controlled documentation for an FDA-regulated medical device
- Worked with sales team to turn customer feedback into engineering action items