

Duncan Stewart

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duncanstewart.org

EDUCATION

University of Wisconsin-Madison

Madison, WI

Bachelor of Science, Computer Science and Mathematics

Expected Graduation: May 2022

- GPA: 3.92/4.0, Dean's List
- Relevant Coursework: Data Structures and Algorithms, Discrete Math, Intro to Artificial Intelligence, Machine Organization and Programming, Data Analysis in Python

WORKING EXPERIENCE

Foundry College

San Francisco, CA

Front End Software Engineer (Internship)

January 2020 – Present

- Assist in development of DevOps platform to streamline classroom and database commands (ReactJS, HTML, CSS)
- Document back end code for security and review of Forge codebase
- Created autonomous scripts to analyze network performance and bandwidth utilization of Forge platform
- Generated detailed comparison reports of Forge and similar platforms
- Created architectural diagrams of Forge codebase for documentation

Athletic Communications

Rochester, NY

Web Stream Specialist

October 2018 – May 2019

- Operated broadcasting computer system to synchronize cameras, scoreboards, and broadcast feed of athletic events
- Resolved all technical equipment and connectivity issues, assisting the communications team
- Conducted research for every athletic matchup to inform the broadcasters

Projects

duncanstewart.org/projects

- Machine vision and lane sensing
- [Dreamjournal](#)
- Number recognition
- Simple fun games using pygame (Chess and Space Cruiser)

ACTIVITIES

Wisconsin Wind

Madison, WI

Project Development Team Leader

May 2020 – Present

- Lead team to design project siting and development plan in Wind Turbine case competition
- Coordinate and attend weekly meetings

Wisconsin Admissions Volunteers

Madison, WI

Active Member

September 2019 – Present

- Volunteered bi-weekly in admissions events around school to inform prospective students and families
- Spoke on student panel to approximately 200 people to answer questions about the school and personal experience

Division III Football – University of Rochester

Rochester, NY

Academic and Team Leader and Player (Slot Receiver – Punt/Kick Returner)

September 2018 – May 2019

- Led ten teammates by organizing study groups and tutoring to maintain team GPA (1 of 4 selected freshman)
- Committed ~ 25 hours a week to team while maintaining full course load, part time job and 3.97 GPA

SKILLS

- Python
- Java
- C
- HTML/CSS
- Teamwork
- Leadership