

# Jason Ahern | Computer Science & Engineering

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## Skills & Abilities

**Programming** — proficient with C#, Java, C++, C, x86-64 Assembler, Python, Javascript, JQuery, Vue.js, HTML/CSS, SQL, XAML, VBA & MATLAB

**Miscellaneous** — proficient with git version control, Adobe Creative Cloud, Microsoft Office, SolidWorks, Power BI, gdb GNU Debugger & OS/soft PI

**Certifications** — Avant STAMP workplace fluency: Spanish

## Experience

**Teaching Assistant** — The Ohio State University, Columbus, Ohio August 2020 – Present

- Class: Fundamentals of Engineering for Honors, a two-semester course
- Languages taught : C, C++, MATLAB
- Working with first-year engineering students to ensure they receive the most comprehensive engineering education as possible.
- Contributing on many project teams to develop course material and software.

**Software Engineering Intern** — Patriot Software, Canton, Ohio (Remote) May – August 2020

- Worked closely with industry professionals to develop new, original software.
- Gained valuable technical experience with many aspects of software engineering.
- Experienced real-world applications of the engineering & software design process.

**IT Intern** — FirstEnergy, Akron, Ohio (Remote) May – August 2021

- Improved important company database structure and contents
- Optimized and automated important company reports
- Developed my communication and leadership skills with presentations to supervisors.

## Education

**The Ohio State University** Honors College – Columbus, Ohio – **4.0 GPA**. Graduating Spring 2023.

Honors Bachelor of Science in Computer Science & Engineering, Minor in Economics.

Relevant Coursework: CSE 2221 & 2231 Software 1 & 2, ENGR 1281 & 1282 Fundamentals of Engineering

Honors, CSE 2321 & 2331 Foundations 1 & 2, CSE 2421 & 2431 Systems 1 & 2, CSE 3902 Game Development

Also: Honors Physics 1260, Math 1172, 2568 & 3345, Econ 4002 & 4831, Statistics 3470, CSE 3241 Databases

**Twinsburg High School** – Twinsburg, Ohio – **4.53 GPA**. Graduated 2019.

Honors Diploma.

Awards: National AP Scholar, Twinsburg Soccer Community Award, Perfect Attendance Grades 9-12

## Leadership

**Luminaria Chair, Board Member** — Relay for Life Twinsburg January – July 2017

- Planned and executed Twinsburg's 2017 Relay for Life Ceremony
- Managed financial aspects of the Ceremony & kept record of sales of all Luminaria

**Captain** — Twinsburg High School Varsity Soccer January – October 2018

**Family Relations Chair** – RallyCap Ohio State Chapter January 2020 – Present

## References

**Casey Kirtley** — Teacher, Twinsburg City Schools ckirtley@twinsburgcsd.org

**Harold Pruett** — Site Manager, Ferro Corp. pruet10422@roadrunner.com