

# 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, Fundamentals of Engineering for Honors** — August 2020 – Present  
The Ohio State University, Columbus, Ohio (Remote)

- Working with first-year engineering students to ensure they receive the most comprehensive engineering education as possible.
- Planning curriculum updates to adapt to the new dynamic of online coursework.

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

**Host, Intern** — Classic Teleproductions, Twinsburg, Ohio April 2017 — May 2019

- Created the 'Twinsburg Schools Today: Summer Edition' programs to showcase the best aspects of Twinsburg's School District
- Worked with a team to record and edit the 30-minute video in 2017, 2018 & 2019

## Education

**The Ohio State University** Honors College – Columbus, Ohio

Honors Bachelor of Science in Computer Science & Engineering, Minor in Economics – **4.0 GPA**.

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

Honors, CSE 2321 & 2331 Foundations 1 & 2, CSE 2421 Systems 1

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

**Twinsburg High School** – Twinsburg, Ohio

Honors Diploma – **4.53 GPA**.

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 bags

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

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

## References

**Kathi Powers** — Superintendent, Twinsburg City Schools

[kpowers@twinsburgcsd.org](mailto:kpowers@twinsburgcsd.org)

**Harold Pruett** — Site Manager, Ferro Corp.

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