



Noah Zweben

Cleveland, Ohio

T: (301) 828-5839 | E: noahzweben@gmail.com

Education

Columbia University School of Engineering and Applied Science

Sept. 2013 - May 2017 | New York, NY

B.S. Computer Science

Valedictorian Class of 2017, Summa Cum Laude, Tau Beta Pi

Work Experience

Votem, Lead Front-End Engineer, Online Voting Team

Sept. 2017 – Present | Cleveland, OH

- Architected and implemented multi-tenant election administration platform for government and private customers using React and Redux.
- Built voter facing application with multi-language ballots, accessibility features, and a customizable UI.
- Created encryption and blockchain encoding Javascript SDK to submit votes to Votem's blockchain.
- Significantly increased election development efficiency through self-service tools for election logic customization, ballot creation, UI design, and AWS deployment.

Columbia User Interfaces Lab, TA & Research Assistant

Sept. 2016 – May 2017 | New York, NY

- Created multi-device augmented reality applications in Unity to help Art History grad students explore medieval artistic and scientific processes using a HoloLens and Google Tango.
- TA'd an upper level 3D User Interface course taught in Unity spring semester.

Facebook, Software Engineering Intern

May 2016 - Aug. 2016 | Menlo Park, CA

- Developed spam fighting and malicious content infrastructure in Haskell.
- Enabled automatic documentation and cross-linking of code involved in abuse detection.

Columbia Emerging Scholars Program, Instructor

Feb. 2016 – May 2016 | New York, NY

- Taught one-credit survey of advanced topics in computer science to first years interested in pursuing studies in the field, specifically aimed at underrepresented groups in technology

Vibrant Composites, Summer Intern

June 2015 – Aug. 2015 | Cambridge, MA

- Researched and developed embedded components for use in a haptic feedback device.
- Prototyped various devices using the start-up's μ MECS fabrication technology.
- Designed and fabricated in-house manufacturing equipment for small-scale production.

Volunteering

Microsoft TEALS (Technology Education And Literacy in Schools) , Teaching Assistant

September 2018 – Present | Cleveland, OH

- Teach AP CS course twice a week with school's Spanish teacher, assist students with programming assignments.

Skills & Interests

Skills:

Web Design, Graphic Design, Photoshop, Unity, Vuforia, C, C++, Python, Java, HTML, CSS, JavaScript, Flask, MATLAB, OpenCV, SolidWorks, Soldering, 3D Printing, Robotics, Public Speaking.

Interests:

Backpacking, Figure Drawing, Painting, Windsurfing, Singing.