



# Noah Zweben

Cleveland, Ohio

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## Education

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### **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

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### **Votem, Front-End Engineer**

Sept. 2017 – Present | Cleveland, OH

- Fully designed and implemented private election monitoring panel for election administrators in JavaScript, Python, HTML, and CSS.
- Currently architecting and developing full election management system in React.
- Prototype UI's in Sketch and create graphics using Photoshop.

### **Columbia User Interfaces Lab, Research Assistant**

Sept. 2016 – May 2017 | New York, NY

- Created augmented reality applications in Unity to help Art History grad students explore medieval artistic and scientific processes using a HoloLens and Google Tango.
- Developed communication between HoloLens and Google Tango for an immersive multi-device experience.

### **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
- Generated lectures and demos to illustrate exciting developments in CS.

### **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  $\mu$ MECS fabrication technology.
- Designed and fabricated in-house manufacturing equipment for small-scale production.

## Skills & Interests

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### **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.