NZ Noah Zweben

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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, *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 µMECS fabrication technology.
- Designed and fabricated in-house manufacturing equipment for small-scale production.

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.