



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

Bowery Farming, Full-Stack Software Engineer

May 2019 – Present | New York, NY

- Architected and developed robotics and optimization tool which automated placement of crops throughout Bowery's vertical farm, allowing for 99% of crops to be sent to their optimal grow location with no human contact and reducing delay in crop irrigation.
- Develop internal robotics and data visualization tools to help run and oversee production in Bowery's automated farming system.
- Design software-dictated farming practices and interfaces that maximize yield and productivity throughout farm while reducing farmer error and wasted food.

Votem, Lead Front-End Engineer, Online Voting Team

Sept. 2017 – Feb. 2019 | Cleveland, OH

- Developed Votem's JavaScript SDK which was responsible for RSA+ECC encryption of votes and interfacing directly with Votem's Hyperledger Sawtooth Blockchain for vote submission.
- Streamlined election management process through self-service tools for election customization, ballot creation, and AWS hosting cutting election deployment time from days to hours.
- Architected election administration platform for government and private customers using React and Redux.
- Managed two Front-End Engineers, prioritizing and reviewing their work.
- Designed, prototyped, and implemented user experiences and interfaces using Photoshop and Sketch.

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.

Facebook, Software Engineering Intern

May 2016 - Aug. 2016 | Menlo Park, CA

Volunteering

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

September 2018 – May 2019 | Cleveland, OH

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

Skills & Interests

Skills: Elixir, AWS, React, Redux, JavaScript, Web Development, HTML, CSS, Unity, Vuforia, Python, OpenCV, Flask, D3, Product Design, Java, C++

Interests: Backpacking, Figure Drawing, Painting, Windsurfing, Singing.