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

Bowery Farming, *Software Engineer*
May 2019 – Present | New York, NY
- 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
- Architected election administration platform for government and private customers using React and Redux, allowing election officials to manage all aspects of the voting process.
- Developed Votem's JavaScript SDK which was responsible for RSA-AES encryption and decryption 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, vote data visualization, and AWS hosting cutting election deployment time from days to hours.
- Managed two Front-End Engineers, prioritizing, assigning, and reviewing their work to maximize productivity and their professional growth.
- 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.
- 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.

Volunteering

Microsoft TEALS (Technology Education And Literacy in Schools) , *Teaching Assistant*
September 2018 – Present | Cleveland, OH
- Teach AP CS course twice a week with teacher, assist students with programming assignments.

Skills & Interests

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

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