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| NZ |  | Noah Zweben  T: (301) 828-5839 | E: noahzweben@gmail.com  noahzweben.github.io |

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**,*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.   * Built voter facing application with multi-language ballots, accessibility features, and a customizable UI. * 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, UI design, 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. | |
| **Columbia Emerging Scholars Program**,*Instructor*  Feb. 2016 – May 2016 | New York, NY   * Taught and developed curriculum for one-credit survey of advanced topics in computer science to freshmen. | |
| **Vibrant Composites**,*Summer Intern*  June 2015 – Aug. 2015 | Cambridge, MA   * Prototyped and developed embedded components for use in a haptic feedback device. * Designed and fabricated in-house manufacturing equipment for small-scale production. | |

Volunteering

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| **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

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| **Skills**: React, JavaScript, Web Design, Web Development, HTML, CSS, Unity, Vuforia, Python, OpenCV, Flask, D3, Product Design, Java, C++ |
| **Interests:** Backpacking, Figure Drawing, Painting, Windsurfing, Singing. |