

# BRENDAN VOELZ

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## EXPERIENCE

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**Amazon.com** **New York, NY**  
*Software Development Engineer, Project Kuiper* December 2021 – Present

- Designing and implementing the business and operational systems for Amazon's broadband satellite internet constellation

*Software Development Engineer, Amazon Advertising* August 2019 – December 2021

- Built highly performant, large-scale (> 100 million transactions per day) identity and authorization systems for worldwide Amazon Advertising
- Improved development processes with continuous deployment practices, automated testing, and modern build tools

*Software Development Engineer Intern* May 2018 – August 2018

- Created a backend utility that aggregates and visualizes metrics to track the consistency of retail delivery promises using Java and AWS Quicksight

**World Bank** **Remote**  
*Project Lead; Software Engineer* August 2017 – December 2017

- Led a team of five software engineers and one UX designer to build a mobile app for the World Bank's [CURB financial investing application](#)

**Staples, Inc.** **Framingham, MA**  
*Software Engineer Intern, Supply Chain Operations* May 2017 – August 2017

- Built a web app to improve the efficiency of online order fulfillment

## EDUCATION

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**Tufts University, Bachelor's of Science (B.S.)** **Medford, MA**  
*Computer Science & English, Cum Laude* September 2015 – May 2019

**Relevant Coursework:** Internet-scale Distributed Systems, Big Data, Algorithms, Security, Mobile Development, Web Programming, Data Structures

**Awards:** First Runner Up, International Development Hackathon 2017

## PROJECTS

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### Neural News

- Android app on the Google Play Store that served as an unbiased news portal
- Allowed users to query for news topics and receive a spread of relevant articles, along with natural language processing analysis to reveal biases

## SKILLS

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Java, C++, C, Python, JavaScript, HTML, CSS, Node.js, Express, AngularJS, React, MongoDB, jQuery, AWS, Unix, Git