

BRENDAN VOELZ

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EXPERIENCE

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 daily TPS) identity management and account security systems for worldwide Amazon Advertising
- Improved development processes with continuous deployment practices, automated testing, and 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

Staples, Inc.

Framingham, MA

Software Engineer Intern

May 2017 – August 2017

- Designed and implemented an application to improve the efficiency of online order fulfillment using MongoDB, Express, Angular, and Node

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](#)

EDUCATION

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

Neural News

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

SKILLS

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