

# Daniel Wilson

## Software Engineer

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Looking for remote full-time opportunities with interesting teams and challenging problems.

231.970.1447  
wilsoda@umich.edu

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### Experience

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#### Amazon Translate / Software Development Engineer II

2019 - Present | New York, NY

Designed and led development of a service integration with another major AWS service to support a large enterprise customer.

Developed detailed load testing to uncover limitations in service capacity planning and throttling mechanism.

Built an operations chatbot to alert the team to pipeline failures and service events in spare time.

#### Amazon.com / Software Development Engineer

2017 - 2019 | Denver, CO

Designed and implemented key features of the Retail Assistant, an internal tool that saved Amazon Retail \$10 million in saved headcount in 2018.

Worked with an applied scientist to do LDA topic modeling analysis on Retail Assistant user behavior data, revealing user workflow patterns.

Designed and implemented a data pipeline to transform millions of rows of inventory data into an accessible report used by thousands of internal employees.

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### Education

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#### University of Michigan / B.S. Computer Science Engineering

2013 - 2017 | Ann Arbor, MI

Represented the University at CES, showcasing a DIY Smarthome demo.

Student Government Engineering Representative.

O'Connors Scholar.

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### Skills

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#### Languages

Java, Python, C++, C#, JavaScript, ES6, Ruby, NodeJS, GoLang, Unix scripting

#### Frameworks

ExpressJS, Rails, Django, AngularJS, React, Spring, Swagger

#### Libraries

Mxnet, Seaborn, Keras, Pandas, Numpy