

# Graham Annett

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Seattle, WA

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## EDUCATION

*Masters of Science in Applied Mathematics* Fall 2018-Present  
University of Washington, Seattle, WA

- Relevant coursework in High Performance Computing in C++, Computational Methods for Data Analysis, Scientific Computing, Introduction To Dynamical Systems And Chaos, Vector Calculus/Complex Analysis

*Bachelor of Arts in Mathematics and Economics* December 2013  
University of Colorado, Boulder, CO

- Dual Degree in Mathematics with an Applied Focus and Economics with a Quantitative focus
- Relevant coursework in Probability Theory, Mathematical Statistics, Math Bio, Real Analysis, Partial Differential Equations, Computer Science Foundations
- Semester abroad in Istanbul, Turkey at Koç University

## WORK EXPERIENCE

*Research Internship* Summer 2019  
UW IR Laboratory, Seattle WA

- Working on a research project related to simulation of computed tomography and physics based simulations

*Freelance Software Engineer* 2016-2018

- Rewrote backend API in migration from Python 2.7 to 3.6 and to conform to RESTful API design
- Implemented system using machine learning frameworks to classify call data to vastly decrease churn rate
- Wrote blog posts and tutorials aimed at helping engineers learn and be productive in emerging technologies
- Helped answer questions of engineers at top companies and conducted code reviews for emerging tools

*Software Developer/NLP Engineer* May 2016-December 2017  
Kip, Remote/New York City, NY

- Redesigned and implemented new backend system that integrated with Slack/Facebook/React frontend
- Built out variety of products and pipelines in Python and Node.js using RESTful API design that allowed customers no downtime and allowed continuous deployments and automated testing of key features
- Moved entire DevOps to Google Cloud + Kubernetes for continuous integration and helped drive costs down
- Onboarded new developers and wrote guide to drastically decrease time until new hire was productive

*Data Scientist* September 2014-December 2015  
BitTitan, Seattle, WA

- Created data ingestion pipeline to automate building and training models to understand data, validate beliefs, and create actionable results that netted company leads and positive outcomes in leads
- Created dashboard for sales team to use during calls that allowed for interaction and customer insights
- Relayed statistical and mathematical insights in understandable reports and visualizations to CEO/CIO

## OTHER

*IBM Catalyst Program*

- Developed Deep Learning system using IBM cloud and Docker/Kubernetes to rollout chatbots utilizing NLP allowing for massively scalable customer support

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## INTERESTS AND SKILLS

Python, Matlab, Javascript (nodejs, react, express), C++, Golang, TensorFlow, Bash, Fish, Docker, git, Kubernetes, Google Cloud, Azure, AWS, NoSQL/SQL, Machine Learning, Chess, Skiing