WILLIAM GANTT

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EDUCATION

Bowdoin College, B.A. Computer Science (honors), *cum laude*, Phi Beta Kappa, GPA: 3.88 May 2017

- Thesis: *An Investigation of Genetics-Based Machine Learning as Applied to Global Crop Yields (https://github.com/wgantt/honors/blob/master/Thesis/thesis.pdf)*
- Relevant Coursework: *Introduction to Computer Science, Data Structures, Algorithms, Computer Networks, Optimization and Uncertainty, GIS Algorithms & Data Structures, Robotics, Multivariate Calculus, Linear Algebra, Introduction to Mathematical Reasoning, Probability, Statistics, Databases (taken abroad), Natural Language Processing in Python (taken online)*

EXPERIENCE

Okta, Inc July 2017 - Present
Software Engineer *San Francisco, CA*

- Manage the provisioning, importing, and synchronizing of data for millions of users across thousands of applications. Lead developer of a complete out-of-the-box registration platform for companies to quickly register users for their applications.

Center for Learning and Teaching, Bowdoin College September 2016 - May 2017
Teaching Assistant *Brunswick, ME*

- Tutored students in Bowdoin's Data Structures and Data Mining courses.

Congdon Lab, Bowdoin College June 2016 - August 2016
Researcher *Brunswick, ME*

- Developed genetics-based machine learning tool for inferring candidate cis-regulatory modules – regions of non-coding DNA where groups of transcription factors bind to regulate gene transcription.

Bowdoin College May 2015 - July 2015
Researcher *Brunswick, ME*

- Conducted an extensive literature review of swarm topologies in the Particle Swarm Optimization (PSO) algorithm. Designed and implemented a new topology that outperformed the canonical algorithm on several benchmark functions.

HONORS & AWARDS

Computer Science Senior-Year Prize Bowdoin College, May 2017
Awarded to the student who has achieved the highest distinction in the major program in computer science.

Allen B. Tucker Computer Science Research Prize Bowdoin College, May 2017
Awarded to a computer science student or students for excellence in summer research.

Hackathon Champion Okta, Sept 2017; Nov 2018
Awarded twice — first, for a feature to specify sensitivity levels of user attributes and filtering them from user profiles depending on administrative privileges; second, for a feature to mitigate SMS intercept and SIM hijacking attacks using phone porting, carrier, and geolocation data.

SKILLS

Programming Languages Java, C, C++, Python, SQL
Tools & Libraries Git, Vim, Spring, Numpy, Pandas, Scikit-Learn, Matplotlib, LaTeX