

WILLIAM GANTT

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EDUCATION

Bowdoin College, B.A. Computer Science (honors), *cum laude*, 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, Databases, Computer Networks, Optimization and Uncertainty, GIS Algorithms & Data Structures, Robotics, Multivariate Calculus, Linear Algebra, Introduction to Mathematical Reasoning, Probability, Statistics*
- Online Coursework: *Supervised Machine Learning in Python, Natural Language Processing in Python*

EXPERIENCE

Okta, Inc

Software Engineer

July 2017 - Present

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

Teaching Assistant

September 2016 - May 2017

Brunswick, ME

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

Congdon Lab, Bowdoin College

Researcher

June 2016 - August 2016

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

Researcher

May 2015 - July 2015

Brunswick, ME

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

HONORS & AWARDS

Computer Science Senior-Year Prize

Awarded to the student who has achieved the highest distinction in the major program in computer science.

Bowdoin College, May 2017

Allen B. Tucker Computer Science Research Prize

Awarded to a computer science student or students for excellence in summer research.

Bowdoin College, May 2017

Hackathon Winner

Developed a feature for specifying sensitivity levels of user attributes and filtering them from user profiles depending on administrative privileges.

Okta, September 2017

SKILLS

Programming Languages
Tools

Java, C, C++, Python, SQL
Git, SVN, Vim, Spring Framework, Numpy, Pandas, Matplotlib, L^AT_EX