

STUDENT & RESEARCHER

DAVID HEINEMAN

heineman.me

david@heineman.me

Second-year at Georgia Tech interested in Machine Learning seeking a Spring Co-op in Software Engineering. Currently working on a Computer Science degree with threads in Intelligence and Information Networks.

EDUCATION

Georgia Institute of Technology

B.S. in Computer Science
Threads in Intelligence and Information
Networks
Expected 2024
August 2020 - Present

Coursework

Design & Analysis of Algorithms
Low-Level Computer Design
Linear Algebra & Multivariable Calculus
Computational Ethics

HONORS & AWARDS

- Eagle Scout
- Area 9 & Atlanta Area Council Venturing Leadership Award
- Top UserStyles.com Contributor (with 20,000+ Installs)
- Atlanta Area Order of the Arrow Brother
- 2019 AP National Scholar Award
- Georgia Certificate of Merit

SKILLS

Python, NumPy, Pandas, Pytorch, Flask & Django • PHP • CSS & Sass • JavaScript • C • Java • Git • Photoshop & Illustrator

CONNECT

 [linkedin.com/in/david-heineman](https://www.linkedin.com/in/david-heineman)

 github.com/davidheineman

 [behance.net/bobcrables](https://www.behance.net/bobcrables)

 medium.com/@heineman.dj

 [@david.heineman](https://www.instagram.com/david.heineman)

 [@beyourheineman](https://twitter.com/beyourheineman)

EXPERIENCE

Paitentco | Software Engineering Intern Summer 2021
• [Write some stuff here]

Georgia Tech College of Computing | Research Assistant 2020 - Present
• [Write some stuff here]

Georgia Tech Big Data Big Impact | Platform Team 2021 - Present
• [Write some stuff here]

Lassiter AP Research Cohort | Independent Researcher 2019 - 2020
• Participated in a graduate-style research project, reviewing literature and writing a formal paper
• Utilized machine learning techniques to compare novel machine learning training

Propria Technology | Freelance Web Developer 2015 - 2020
• Developed front, back-end websites and provided consulting services for local small businesses and charities
• Utilized modern frameworks like PHP, Java, Sony Vegas, Python and C++ to serve var-

Venturing Officers Association | Area 9 President, Atlanta 2017 - 2019
• Grew the 2,500+ youth membership in Georgia by 15% in the 2018-19 fiscal year
• Developed and piloted the first Venturing officer training program which was then adopted nationally

PROJECTS

Hashtag Master Web Demo
• [Write some stuff here]
• <http://sdl898-ritter2.cse.ohio-state.edu:8153/>

Publication: A Comparison of Automated Essay Scoring Systems
• Compared various machine learning training models against a standard Kaggle dataset to measure performance under generic circumstances
• Applied Keras, TensorFlow, Scikit-Learn and etc. tools to analyze quantifiable features and automatically grade essay sets

Proselect Corporate Webpage Overhaul
• Overhauled front-end look for ProSelect's job acquisition tools, consolidated information into a minimalist, modern design and designed new marketing materials, including logo