

Maxwell Lata

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CAREER OBJECTIVE

I'm a third-year student at Dartmouth College looking for my first internship at a tech company with a team setting. My passions lie not only in code but in the meeting room well as I'm interested in a company's economic decisions.

EDUCATION

Dartmouth College, Computer Science Modified with Economics / German

2016-Present

- **GPA:** 3.6/4.0
- **Relevant completed courses:** Object-Oriented Programming, Software Design and Implementation, Applied Computer Science, Discrete Math for Computer Science, Statistical Methods, Advanced Microeconomics
- **Campus involvement:** German Teaching Assistant, CS Teaching Assistant, CS and Economics Tutor, Street Soul Dance Group, German Club Treasurer, Sigma Phi Epsilon, LGBT+ Board
- **Volunteer work:** ASPIRE, DOC First-Year Trip Leader
- **Accolades:** Stephan J. Schlossmacher Memorial Prize

PROJECTS

- **Search Engine:** Implemented a modularized search engine in C comprised of a crawler, indexer and querier.
- **Maze Solver:** Worked with a four-man team on a final project to direct a number of avatars to the same point in a perfect maze following the right-hand rule and blocking off dead-ends for other avatars.
- **Graphics work:** Worked with webcam image processing in Java to allow users to paint over their screen in real time. Wrote code in Matlab using linear algebra to back-calculate homography matrices of distorted pictures of license plates to better read them.
- **German Chatterbox:** Collaborated with a German faculty member in building a tool to better teach introductory German students using Dialogflow's web API to make chatbots.

SKILLS

- **Coding Languages:** Python, Java, C, Matlab, HTML & CSS, Javascript, React, Excel VBA
- **Proficient in German:** I spent the fall of 2017 in Berlin studying abroad and living with a host family, giving me insight into the German culture. In addition, I've taken a course in translation from author Kristoff Magnusson, so I can translate between German and English colloquially.
- **Adobe Programs:** I have used Photoshop, Illustrator and InDesign to construct graphics and pages for my high school's newspaper and for promotional club posters.