

JONATHAN THOMAS

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OBJECTIVE

Computer science and mathematics student seeking a summer 2018 internship in order to gain experience in software engineering, with emphasis on the fields of machine learning / data science.

EDUCATION

University of Michigan

B.S.E. Computer Science / B.S. Honors Mathematics, Philosophy Minor

Ann Arbor, MI

Graduation: May 2019

- **GPA: 3.84 / 4.00**
- William J. Branstrom Freshman Prize, University Honors / Dean's List (*F'15, W'16, F'16, W'17*)
- Recipient of Engineering Scholarship of Honor, Regents Merit Scholarship, National Merit Scholar

Coursework

- Intro to Operating Systems (EECS 482 / *Current*), Honors Algebra I (MATH 493 / *Current*)
 - OOP / Advanced Programming (EECS 381), Data Structures and Algorithms (EECS 281)
 - Intro to Topology (MATH 590), Real Analysis (MATH 451), Linear Algebra (MATH 217)
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EXPERIENCE

JPMorgan Intelligent Solutions

Summer Technology Analyst

New York City, NY

Summer 2017 - Present

- Developing and delivering big data analytics solutions for JPMorgan Chase.

University of Michigan

Proof Tutor

Ann Arbor, MI

Summer 2016 - Present

- Help students one-on-one to demonstrate rigorous, abstract proofs of fundamental theorems in linear algebra (MATH 217) using formal mathematical logic on weekly homework sets.

Synergy Broadband

Network Intern

Ann Arbor, MI

Summer 2016

- Oversaw the redesign of company data center to implement an energy-efficient cooling system.
- Communicated directly with business customers to ensure a smooth transition to new layout.
- Troubleshooted network issues and outages with network engineering team to reestablish internet connection and resolve other technical issues (email servers, VoIP phones) for local businesses.

Alternative Engineering, Inc.

Engineering Intern

Belmont, MI

Summer 2015

- Investigated growing fields in the materials handling industry in order to develop an effective business strategy for the company.
 - Presented 8 weeks of research, data analysis, and recommendations to CEO and project manager.
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SKILLS

Computer Languages: C++, C (main) / Java (proficient) / Python, Haskell (familiar)

Other Technologies: Xcode, Git, Splunk, Bash, Cucumber, Maven, Vim

Foreign Language: Spanish (proficient)

ACTIVITIES

Engineering Honors Student Advisory Board

January 2017 - Present

1st Violin, Michigan Pops Orchestra and Campus Symphony Orchestra

September 2015 - Present

Michigan Philosophy Club

September 2015 - Present