

# Jake D. Myers

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## EDUCATION

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### UNIVERSITY OF MICHIGAN COLLEGE OF ENGINEERING

Ann Arbor, MI

*Bachelor of Science in Engineering in Computer Science*

April 2018

- Core Team Member, MHacks, April 2015–October 2015 (Co-designed and collaborated with executive committee on 2,000-person 36-hour event aiming to promote hacking and computer science for students)
- Advertising Chairman, Theta Delta Chi Fraternity, 2014–2016

## EXPERIENCE

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### TD AMERITRADE

Ann Arbor, MI

*Software Engineer I*

June 2018–Present

- Led development of Google API for integration of consumer brokerage services portal with Google Assistant, increasing accessibility and functionality of product
- Collaborated with 2-person team in development of 2 applications, a video livestream and media player and one with CarPlay functionality, with focus on applications' UX/UI, allowing consumers to access TD Ameritrade Network on mobile devices
- Created content management system for company's internal blog site, improving platform and functionality while maintaining existing content
- Researched and implemented STUMPY, company's open source scalable python library for data mining tasks, specifically focusing on pattern/motif discovery, resulting in development of patentable open source product
- Presented to company's business leaders on importance of recommendation engines and how such engines could be implemented with business processes and frameworks

### STOCKX, LLC

Detroit, MI

*Software Engineering & Product Management Intern*

May 2017–August 2017

- Designed code base foundation to scale order processing system capabilities, increasing daily order capacity from by 400% to accommodate future growth
- Analyzed finite state machine to implement order pickup option, streamlining processes and reducing redundancies within current states

### HACKER FELLOWS FELLOWSHIP

Detroit, MI

*Hacker Fellow*

May 2017–August 2017

- Selected as 1 of 10 fellows from hundreds of applicants to participate in software and entrepreneurial program, enhancing understanding of intersection between software and business through hands-on learning experiences
- Created order management and processing webpage for restaurant using Ruby on Rails for both front- and back-end development, completing task faster than other fellows

### TAMARACK CAMPS

Ortonville, MI

*Camp Counselor*

May 2013–August 2016

- Managed groups of 8- to 14-year-old children on campus trips at 8-week sleepaway camp to ensure safe and fulfilling experience for campers, resulting in higher camper return rate
- Co-designed camping trip curriculum and program for campers, teaching and promoting skills in safety, communication, responsibility, and physical fitness

### SMADS, LLC

West Bloomfield, MI

*Co-Founder*

January 2016–July 2016

- Designed pitch used to acquire investors for social media advertising start-up, raising upwards of \$60,000 to begin funding company's operations
- Publicized company through various media channels, acquiring clients for start-up company's growing client portfolio

## ADDITIONAL

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- Proficient in C++, Python, MATLAB, HTML, CSS, Javascript, Ruby, and NodeJS
- Experienced in Adobe Photoshop and Adobe Illustrator
- Created software for vocabulary and educational game for autistic children
- Professional DJ at BTB Cantina and Star Trax Entertainment, 2015–Present
- Wilderness first aid and lifeguard certified