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## Tyler Friedman

(248) 310-2539 | Chicago, IL | [tyler@idealogs.org](mailto:tyler@idealogs.org) | [tylerfriedman.org](http://tylerfriedman.org)

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### OBJECTIVE

A talented, self-motivated IT professional with entrepreneurial spirit seeks the position of Entry Level Web Developer in a thriving company. Comes with a Bachelor's degree in Computer Science and Mathematics and two years independent experience of full-stack Django web development.

### EDUCATION

#### Technion – Israel Institute of Technology, Haifa, Israel

Oct 2016 – Mar 2017

Completed 4 credits towards a Master of Science in Electrical Engineering

GPA: 94.5/100

Graduate Student Scholarship (100% tuition waiver and living stipend)

Dropped out to found the Idealogical Foundation, Inc.

#### University of Michigan, Ann Arbor, MI

Sep 2010 – Apr 2015

Bachelor of Science with Distinction, Computer Science and Mathematical Sciences

GPA: 3.72/4.00

### SKILLS

Web Frameworks: Django

Languages: Python, C, C++, C#, MATLAB, Erlang, HTML, CSS, jQuery, LaTeX

Applications: Git, PDB, Elasticsearch, PostgreSQL, memcached, Celery, RabbitMQ, nginx, gunicorn, borg

### RELEVANT COURSEWORK

Programming & Data Structures, Computer Game Design, Databases, Algorithms, Coding Theory, Operating Systems, Computer Security, Distributed Functional Programming, Intro to Combinatorics, Probability Theory

### RECENT WORK EXPERIENCE

#### Idealogical Foundation, Inc., Flagstaff, AZ

Founder, Lead Developer

Sep 2017 – Present

- Built a crowdsourcing website for understanding controversial topics ([idealogs.org](http://idealogs.org)) in Django
- Mastered fundamentals of full-stack web development including: M-V-T architecture, ORMs, rapid prototyping, responsive design, search, caching, asynchronous task management, VPS hosting, deduplicating backups, and profiling
- Developed idea from infancy to production without prior web development experience or outside help
- Invented a new model for aggregating and refining contextual information
- Managed all aspects of the project including: engineering, financing, corporation formation, and trademark application

#### Coconino Community College, Flagstaff, AZ

Adjunct Lecturer, Mathematics

Jan 2018 – Aug 2019

- Taught algebra to students that struggle considerably with the subject
- Devised lectures with focus on emotional aspects of learning to make courses approachable
- Brought positive energy and humor to lectures to keep students engaged
- Emphasized strong studying habits and pushed students to make connections between time investment and achievement

#### Transcaucasian Trail Association, Svaneti, Republic of Georgia

Project Manager

Jun 2018 – Sep 2018

- Provided logistical support to project attempting to connect Black and Caspian Seas via one long-distance hiking trail through the Caucasus Mountains ([transcaucasiantrail.org](http://transcaucasiantrail.org))
- Stewarded the project home base and operations center to keep project running efficiently
- Organized food and gear shopping, and managed crews when they were not in the field

Crew Leader

Jun 2017 – Sep 2017

- Designed and constructed reroutes of deteriorating hiking trails
- Supervised crews of 8-12 international volunteers on 8-day projects in a backcountry environment
- Managed diverse personalities from varied ages and backgrounds into cohesive working units
- Constantly monitored health, energy, and morale of group to ensure a safe and productive working environment