

JAMES PATRICK FULFORD

Harvard-educated American Software Engineer and Mathematician
seeking intermediate-level opportunity in Machine Learning or Web Development.

ACADEMICS

Harvard University (online)	Masters, Info. Mgmt. Sys.	GPA 4.00	06 '18 - present
Charter Oak State College (online)	Bachelors, Business and I.T.	GPA 4.00	06 '18 - 12 '18
Rivier University	Bachelors, Math and Comp. Sci.	GPA 3.99	09 '14 - 05 '17
Manchester Community College	Associates, Computer Science	GPA 4.00	01 '16 - 12 '16
Virtual Learning Academy Charter School	High School	GPA 4.00	01 '15
Massachusetts Institute of Technology	Summer Program	Distinction	07 '14 08 '14

Highlights

- Perfect GRE math score 06 '17
- Published in peer-reviewed journal (ISSN 1559-9388), cataloged at Library of Congress 05 '17

EXPERIENCE

Front-end Software Engineer, Cisco Systems, Boxborough MA 10 '18 - present

Developed UI for Customer Journey Platform (cloud call center / customer service product)

- Control Hub: *AngularJS, TypeScript, Karma/Jasmine Unit Testing, Git*
- Agent Desktop: *AngularJS, Mocha/Sinon/Chai Unit Testing, Jenkins*

Software Engineer, C Squared Systems, Auburn NH 11 '17 - 09 '18

Released Network Device Monitoring Software, QA development

- QA Development: *Python, SQL, pandas*
- Release Engineering: *Ansible, Bash, Linux, MySQL Administration, Python Scripting*

Web Developer, Manchester Community College, Manchester NH 01 '17 - 06 '17

Maintained and upgraded college's LAMP-stack website (part-time)

- Data Integrity: *Python web scraping, SQL*
- CMS: *jQuery, Javascript, HTML, CSS, Joomla*

Web Developer, Family Business, Amherst NH 03 '14 - 05 '17

Assisted in executing digital marketing plans for high-profile customers (part-time)

- Web Design: *Javascript, HTML, CSS*
- Social Media Automation: *Python, REST API integration*

INDEPENDENT PROJECT

Founder, An Ounce of Silver Ministries, Amherst NH 08 '18 - present

Architected, built, and deployed the 'Is It Shabbat?' mobile and web apps. isitshabbat.org

- App: *React-Native, Redux, Mocha/Sinon/Chai/Enzyme Unit Testing*
- Web: *React, Jest, GitHub Pages*
- Misc: *NPM packages 'shabbat-logic' and 'is-it-shabbat-core', Git hooks, yarn*

HACKATHONS AND TRAINING

Udacity's Autonomous Vehicle Nanodegree, *Used Neural Networks and Computer Vision* 01 '19 - present

Two Sigma's Halite II Hackathon, *Developed Python3 bot* 11 '17 - 01 '18

SKILL SETS

Front-end: React, React-Native, AngularJS, Typescript, Mocha, Karma
jQuery, HTML5, CSS3, Javascript ES6+

Back-end: Python, Node, REST APIs, SQL, pandas, OpenCV, TensorFlow, Keras

Other: Linux, Ansible, NPM, Agile, CI/CD, Jenkins, Git