James Patrick Fulford

Harvard-educated U.S.-Canadian Dual Citizen, 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	Program		Distinction	07 '14 - 08 '14

Highlights
- Perfect GRE math score (99th percentile *among graduate students*)   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 offering)
- 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 Technologies, Amherst NH   08 '18 - present
Oversaw, architected, and delivered software projects for clients.
- "Is It Shabbat?" monetized iOS and web app: *React-Native, React, Redux*. *isitshabbat.org*
- Projects and services at anounceofsilver.com. Hire us!

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, 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

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