Justin P. Barry

jbarry@linuxwebdevelopment.com | +1 (832) 510-8736

Education

University of Michigan – School of Information (online) – Cumulative GPA 4.0 / 4.0	**Ann Arbor, MI, USA (current student)**
Master of Applied Data Science (with scholarship)	Anticipated graduation date – December 2022
Texas A&M University	**College Station, TX, USA**
Bachelor of Arts in Mathematics, Minor in History	2010
National University of Singapore – study abroad	**Singapore**
Studies in history, Chinese, and philosophy	2009 - 2010

Skills

- **Data Science specific**: Numpy, Pandas, scikit-learn
- **Web development**: HTML, CSS, Sass, , WordPress, Webmastering, Bootstrap
- **Frameworks**: Flask, jQuery, Express.js
- **Programming languages**: Python, JavaScript / Node.js, PHP, C++, SQL, Linux Bash
- **Database Management Systems**: MySQL, PostgreSQL
- **Operating systems**: Debian, Ubuntu Linux, Microsoft Windows
- **General Internet**: DNS, Email servers (Postfix, Dovecot etc), Apache, Nginx, Cloudflare
- **System Administration**: SSH, VPNs, OpenVPN, VPSes, cron jobs / crontab
- **Computer Networking**: Switches, routers, firewalls etc
- **Other**: regex, Raspberry Pi, Arduino, Selenium, SEO, data scraping, git, GitHub, Bitbucket

Relevant Courses

- Data manipulation, Data Mining 1, SQL 1, Math Methods (Linear Algebra with Statistics), Data Visualization, Python 3 programming, Intro to Programming with JavaScript I and II (with University of London online), and Supervised Machine Learning

Select Work Experience

Laubar	**Remote**
Fullstack web developer / software engineer	2018-present
Swivel Software	**Hong Kong**
Fullstack web developer / software engineer	2018
Swivel is a company which makes software for freight forwarders in the shipping industry.	
• Worked as a coder on 2 teams: One team whose core tech included ASP Classic, SQL Server, and jQuery. Second team's core tech was: Node.js, React.js, and MySQL. Also did some testing work.	
Conroe ISD	**Conroe, TX, USA**
Teacher / substitute teacher	2015-2018
Various Universities and colleges and 1 school	**Guangdong and Shandong, China, Korea**
English language teacher / lecturer	2011-2015
Cisco Systems	**San Jose, CA, USA**
Software Engineering Intern – Internet Routers	2008
• Did coding work and various IT work with a team making routers for small to mid-size companies	

Projects and other skills etc

- Software Portfolio of some of my work at justinpbarry.com/portfolio
  Source code for portfolio located at github.com/sinocelt
- I have made several large projects in recent years. I can show the source code of some on request.
- Run a tech blog at linuxwebdevelopment.com and a Chinese learning site at mandarinportal.com

Certifications

- Introduction To Computer Science And Programming Using Python – MIT via edX.org
- Python 3 Specialization which includes 5 course certifications – University of Michigan via Coursera
- JavaScript Algorithms and Data Structures – via freeCodeCamp.org
- CompTIA A+, CompTIA Network+, CompTIA IT Operations Specialist – CIOS Stackable Certification

Languages

- **Native**: English, **Intermediate**: Mandarin Chinese, **Beginner**: Spanish, German, Cantonese, Korean