Derek Pham

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Available: January - August 2019

🎓 EDUCATION

Northeastern University, Boston, MA   Sept. 2016 - present
College of Computer and Information Science
Candidate for a Bachelor of Science in Computer Science   May 2020
Minor in Mathematics and Physics

Study Abroad:	London School of Economics Summer School	2018
Related courses:	Object-Oriented Design, Algorithms and Data, Large Scale Data Storage	
	Programming Languages, Networks and Distributed Systems	
	Real Analysis, Calculus III, Linear Algebra, Probability and Statistics	
GPA:	3.98/4.0	
Activities:	Photography Club, Intramural Spikeball	

⚙ SKILLS

Languages:	Java, Python, C, Haskell, Racket, Javascript
Databases:	PostgreSQL, Oracle, MySQL, SQLite
Tools:	Spring, Hibernate, Gradle, Ansible, Django, Git, SVN
Others:	Scrum, Agile, Pair Programming, Public Speaking

👥 EXPERIENCE

PowerAdvocate Inc, Boston, MA   Jan. 2018 - Jun. 2018
Software Developer Co-op - Data As a Service Team

- Finished customer success report product virtually from scratch with a lot of autonomous decision making
- Built automated reports features using Spring and Hibernate
- Wrote various gradle tasks to significantly simplify product's build process
- Researched on database providers and chose product's database to be Postgresql
- Created scheduled jobs to store data from Salesforce and company's main database
- Integrated product into company's Ansible continuous delivery framework
- Gave one speech as well as assumed other positions at Toast Masters club

Northeastern University, Boston, MA   Jan. 2017 - present
Research assistant for Christo Wilson and Ron Robertson

- Developing website that aims to study order effects and search rankings
- Designed schema for the website's SQLite database to store subjects' information
- Building the website's backend in Django to assign subjects' random treatments and track their activities while they are on the experiment
- Building a minimal frontend for the website that can be easily switched between different CSS skins to mimic sites such as search sites, social media sites, and job posting sites

Xemory LLC, Burlington, VT   Oct. 2015 - Dec. 2015
Intern

- Pair-programmed and finished building a Javascript editor using C# and Visual Studio
- Integrated syntax highlighting and Javascript interpreter to the editor
- Developed the editor's ability to communicate with Unity through TCP/IP

📷 INTERESTS

Photography, Traveling, Spikeball, Tennis, Ping Pong, One Piece, Poker, Super Smash Bros