

# Derek Pham

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Available: January - August 2019

## 🎓 EDUCATION

|  |   |
|--|---|
| <b>Northeastern University</b> , Boston, MA                    | Sept. 2016 - present  |
| College of Computer and Information Science                    |   |
| <i>Candidate for a Bachelor of Science in Computer Science</i> | May 2020  |
| <i>Minor in Mathematics and Physics</i>                        |   |
| Study Abroad:  | London School of Economics Summer School 2018   |
| Related courses:   | Object-Oriented Design, Algorithms and Data, Large Scale Data Storage<br>Programming Languages, Networks and Distributed Systems<br>Real Analysis, Calculus III, Linear Algebra, Probability and Statistics |
| GPA:   | 3.98/4.0  |
| Activities:  | NuACM, 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

|  |                       |
|--|-----------------------|
| <b>PowerAdvocate Inc</b> , Boston, MA  | Jan. 2018 - Jun. 2018 |
| <i>Software Developer Co-op - Data As a Service Team</i>   |                       |
| <ul style="list-style-type: none"><li>Finished customer success report product virtually from scratch with a lot of autonomous decision making</li><li>Built automated reports features using Spring and Hibernate</li><li>Wrote various gradle tasks to significantly simplify product's build process</li><li>Researched on database providers and chose product's database to be Postgresql</li><li>Created scheduled jobs to store data from Salesforce and company's main database</li><li>Integrated product into company's Ansible continuous delivery framework</li><li>Gave one speech as well as assumed other positions at Toast Masters club</li></ul> |                       |
| <b>Northeastern University</b> , Boston, MA  | Jan. 2017 - present   |
| <i>Research assistant for Christo Wilson and Ron Robertson</i>   |                       |
| <ul style="list-style-type: none"><li>Developing website that aims to study order effects and search rankings</li><li>Designed schema for the website's SQLite database to store subjects' information</li><li>Building the website's backend in Django to assign subjects' random treatments and track their activities while they are on the experiment</li><li>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</li></ul>   |                       |
| <b>Xemory LLC</b> , Burlington, VT   | Oct. 2015 - Dec. 2015 |
| <i>Intern</i>  |                       |
| <ul style="list-style-type: none"><li>Pair-programmed and finished building a Javascript editor using C# and Visual Studio</li><li>Integrated syntax highlighting and Javascript interpreter to the editor</li><li>Developed the editor's ability to communicate with Unity through TCP/IP</li></ul>   |                       |

## 📷 INTERESTS

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