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Available: **Jan-June 2017**

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## EDUCATION

**Northeastern University**, Boston, MA

**Candidate for a Bachelor of Science in Computer Science** (*December 2017*)

**Sept. 2014 – Present**

**GPA: 3.1/4.0**

**Relevant Coursework:** Networks and Distributed Systems, Game Engine Design, Programming Languages, Database Design, Algorithms and Data, Computer Systems, Object-Oriented Design

**Activities:** Member of the Northeastern Men's Club Hockey team

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## TECHNICAL SKILLS

**Primary Languages:** Ruby, Python, Java, Racket (Lisp), Scheme, HTML/CSS, C++

**Frameworks/other:** Ruby on Rails, Django, ELK stack

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## PROJECTS

Forum\_app

- Used Ruby on Rails to develop a question/answer forum where there is a one answer per question relationship to allow for clarity and consistency

Edpratt.github.io

- Utilized Jekyll static site generator along with GitHub pages to launch personal website

Algorithmic Trading

- Created a stock trading algorithm that used a segmented least squares approach to make orders (in a testing environment) based on flag and wedge identification in stock market data

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## RELEVANT EXPERIENCE

**Goldman Sachs**, New York, New York

Jan. 2016 – July  
2016

*Platform Engineer*

- Developed test scripts using Python for Goldman Sachs' contribution to the OCP (Open Compute Project) that is owned by Facebook
- Helped plan the technology in a big data project used to better assess the status and health of thousands of servers
- Developed Elastic Search instance in preparation for advanced data analytics of the firm's ~100,000 servers using the ELK (Elastic Search, Logstash, Kibana) stack

**Northeastern University**, Boston, MA

May 2015 – Nov.  
2015

*Computer Operations in the D'Amore McKim School of Business*

- Reinstalled operating systems, drivers, and software in computers for university use
- Troubleshoot university computers with network and software issues
- Assisted faculty with their machines and electronics

**Northeastern University**, Boston, MA

July – Oct. 2015

*Machine Learning Research Assistant*

- Generated and edited R code used in lessons for a master's level machine learning course
- Created quiz questions for student learning
- Prepared and edited lesson plans written in RMarkdown format
- Assembled other necessary resources for course use

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## LEADERSHIP EXPERIENCE

**Varsity Hockey Captain** –Xaverian Brothers High School

- Experienced, on a small scale, what it is that makes a great leader
- Organized pre-season practices

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## ACTIVITIES/HOBBIES

**Professional:** Web Development, Artificial Intelligence, Automation, Machine Learning

**Personal:** Music Theory, Guitar, Saxophone, Cooking, Snowboarding, Tennis, Hockey

*References available upon request*

