

# Brett Marcinkiewicz

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Available: January-August 2018

## Education

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**University of Massachusetts Lowell**, Lowell, MA

College of Engineering

Candidate for a Bachelor of Science in Computer Science, **May 2019**

**GPA:** 3.55/4.00

**Awards:** Dean's List (2x), Honors College

**Courses:** Internet & Web Systems I (Graduate), Analysis of Algorithms, Computing I, II, & III, Object-Oriented Programming I & II, Probability & Statistics, Discrete Math I & II, Logic Design

**Activities:** Web Development Club and intramurals

## Technical Knowledge

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**Client:** JavaScript, HTML, CSS, JQuery

**Server:** Java, C, Node.js, Spring MVC

**Database:** PostgreSQL, MySQL, MongoDB

**Cloud:** AWS - S3

## Work Experience

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**CenturyLink**, Framingham, MA

**May 2017–August 2017**

Software Engineer Intern

- Converted the Virtual Machine Placement solver project from command line tool to a web service. Developed using a RESTful web server leveraging Jersey and PostgreSQL. The project helps calculate the best racks for old and new Virtual Machines.
- Built a web application that allows engineers to manage their Bitbucket repositories more effectively. Designed as a RESTful web server leveraging Jersey, PostgreSQL, and jQuery.

**Dassault Systèmes**, Johnston, RI

**May 2016–August 2016**

Software Engineering Intern

- Created a Python script to scrape test output files for relevant information and transform the data for use in Excel spreadsheets and XML files.
- Wrote tests using the Sahi framework to ensure cross-browser compatibility of the 3DEXperience web platform.

## Projects

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**Fantasy Football Simulator**

**Summer 2017**

- Developed a RESTful website using Spring MVC, PostgreSQL, and Hibernate.
- Allows multiple users to participate in a fantasy football snake draft. Users can pick players and post to the draft message board.

**Social Network Website**

**Spring 2017**

- Developed a RESTful web application leveraging Node.js, Express.js, and MongoDB.
- Created a social network that allows users to create a profile, edit their profile picture, post updates, and follow other users.

## Volunteer Experience

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**Keith Middle School Tutor/Mentor Program**, New Bedford, MA

**February 2015–April 2015**

- Helped plan assignments and activities with students at New Bedford Middle School.