

# Jeff Bulick

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## OBJECTIVE

To seek a software engineering spring 2018 co-op where I can apply my hybrid knowledge of computer science and electrical engineering to serve a motivated group that will challenge me and provide career path insight.

## EDUCATION

**Lehigh University**, Bethlehem, PA

**Bachelor of Science**, Computer Engineering; Minor: Economics; Expected: May 2018

Major GPA: 3.49

Cumulative GPA: 3.38

Dean's List: Fall of '14, '15; Spring of '16, '17

**Bergen County Academies**, Hackensack, NJ

**High School Diploma**, Academy for Engineering and Design Technology, June 2014

Cumulative GPA: 3.50

## RELATED EXPERIENCE

**Software Intern**, KPMG LLP, Montvale, NJ

June – August 2017

⤴ Current position

**Research Fellow**, National Science Foundation Smart Spaces REU, Lehigh University

May – August 2016

⤴ Designed a reproducible autonomous mobile robot to be used as a learning platform using ROS as IPC management for a network of onboard sensors to perform efficient odometry in a Linux environment.

**Teaching Assistant**, Applied Engineering Computer Methods, Lehigh University

January 2016 – January 2017

⤴ Taught fundamentals of programming to students using MATLAB, and then guided them to satisfactory completion of their final projects using a microcontroller to master three design challenges

**Lab Assistant**, Becton Dickinson R&D, Franklin Lakes, NJ

September 2013 – May 2014

⤴ Received hands on laboratory experience performing physical characteristic data collection on BD's syringes and elastomers

## PORTFOLIO

Please visit [www.bulickjeff.com](http://www.bulickjeff.com)

## PROFICIENCIES

**Software:** Web Design and Applications, Databases, Mobile Robotics, Version Control, Collaborative teamwork, Microcontrollers, Assembly

**Hardware:** Verilog, FPGA, Computer Architecture, SPICE, Signals and Systems, Semiconductors, Hands on design experience with analog and digital electronic test equipment

**Comfortable Languages:** C++, C, Java, Frontend languages, SQL, MATLAB, Haskell, Python

## EXTRA-CURRICULAR

Sigma Phi Epsilon, golf, hiking, weightlifting, guitar, racquetball, high school varsity wrestling / football / baseball