

# Zeleena G. Kearney

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412-491-0697

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## Education

### Carnegie Mellon University

B.S. in Electrical & Computer Engineering and Biomedical Engineering

*Expected May 2018*

*Pittsburgh, PA*

➤ *Relevant Coursework:*

- 18-213: Computer Systems
- 18-240: Structure & Design of Digital Systems
- 42-202: Physiology
- 18-349: Embedded Systems (*in progress*)
- 42-631: Neural Data Analysis (*in progress*)
- 18-220: Devices & Analog Circuits (*in progress*)

➤ *Current Cumulative GPA: 3.58 / 4.00*

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## Experience

### Google

Engineering Practicum Intern

*May - August 2016*

*Mountain View, CA*

- Developed and implemented an internal tool for Google Maps that resolves conflicts about administrative geographical feature conflation
- Worked on full stack development with a strong focus on the back end infrastructure using Apps Framework, Java, protocol buffers, and Spanner database

### Carnegie Mellon School of Computer Science

Teaching Assistant for 15-122: Principles of Imperative Computation

*August 2016 - Present*

*Pittsburgh, PA*

- Taught students in labs, evaluated their work, and reviewed concepts with students in office hours

### CMU Unlocked

Testing Manager and Content Developer

*June - August 2015*

*Pittsburgh, PA*

- Iteratively designed, implemented, and tested interactive exercises that teach computer science
- Evaluated the functionality of multiple programs by considering UI/UX, usability, accessibility, standardization, and compatibility with a server
- Used JavaScript, HTML, CSS, jQuery, p5, version control, and our API

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## Skills

Languages: Python C JavaScript Java (basic) SystemVerilog (basic) MATLAB (basic)

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## Leadership Activities

Varsity Track & Field Team and Cross Country Team, Carnegie Mellon

*September 2014 - Present*

Finance Assistant, (former) Awards Director, and Member of Kappa Alpha Theta

*September 2014 - Present*

Lambda Sigma Honor Society for Service for Sophomores

*May 2015 - May 2016*

Global Public Health Brigades: Service Trip to Nicaragua

*October 2015 - May 2016*

Society of Women Engineers

*September 2014 - Present*

All Greek Community Standards Board

*May 2015 - Present*

Orientation Counselor

*May 2015 - Present*

1000plus Day of Service Site Leader

*August 2016 - Present*

Lifeguard and Swim Lesson Instructor

*March 2012 - August 2014*