

# May Trix

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## EDUCATION

### CARNEGIE MELLON UNIVERSITY

B.S. IN COMPUTER SCIENCE  
Pittsburgh, PA | Expected May 2018

## SKILLS

Java • Python • C • SML • HTML5 •  
CSS • Django • Android • L<sup>A</sup>T<sub>E</sub>X • Git  
Data structures • Software design  
patterns

## COURSEWORK

Parallel and Sequential Data  
Structures and Algorithms  
Introduction to Computer Systems  
Software System Construction  
Great Theoretical Ideas in Computer  
Science  
Web Application Development  
Principles of Imperative  
Computation  
Principles of Functional  
Programming

## LINKS

Github://maytrix  
LinkedIn://maytrix

## EXPERIENCE

### CARNEGIE MELLON UNIVERSITY, HUMAN-COMPUTER INTERACTION INSTITUTE | RESEARCH ASSISTANT

February 2016 - Present | Pittsburgh, PA

- Make Android and web apps for NavCog, a tool that uses sensors, computer vision, and crowdsourcing to help blind people move in spaces. Target crowdsourcing effort to create 3-D models of buildings and maintain sensors.

June 2015 - August 2015 | Pittsburgh, PA

- Led 3 person team developing mobile and wear apps for Chorus, a web-based crowdsourcing conversational assistant. Has text to speech and speech to text capabilities. Uses Yelp Search and Yahoo APIs.
- Made a natural language processor tool to be added to Chorus web application.

### BUSINESS GOLF ACADEMY | SOCIAL MEDIA MANAGER

May 2015 - Present | Pittsburgh, PA

- Manage the social media presence for BGA, which encourages women to use golf to advance their careers. Tripled Twitter followers

## PROJECTS

### UMBRELLA | LEAD ANDROID DEVELOPER, GIT REPO MANAGER

February 2016

- App uses crowdsourcing to fight gender-based violence and the bystander effect. Bluetooth-based messaging where users anonymously post situation.

### BUDGIE | LEAD ANDROID DEVELOPER, GIT REPO MANAGER

September 2015

- App to manage and categorize expenses. Implements Microsoft's Oxford Optical Character Recognition API. Pie charts show spending distribution.

## ACTIVITIES

### WOMEN'S VARSITY GOLF TEAM | CAPTAIN (2014-PRESENT)

August 2014 - Present | Pittsburgh, PA

- Won Thomas B. Craig & LaVerne Craig Tartan Award 2015-2016 (Most Valuable Player), University Athletic Association All Association First Team, Eastern College Athletic Conference Rookie of the Month Division III, University Athletic Association Women's Golf Athlete of the Week (3 times)
- Student Athlete Advisory Council | September 2014 - May 2015

### WOMEN@SCS | MENTOR

September 2014 - Present | Pittsburgh, PA

- "Big sister" in the Big Sister/Little Sister mentoring program.

### THE FIRST TEE OF PITTSBURGH | VOLUNTEER GOLF INSTRUCTOR

September 2014 - Present | Pittsburgh, PA

- Teach golf and life skills to 20 underprivileged children ages 8-16 years