

## EDUCATION

University of Michigan  
**BS Computer Science**  
GPA 3.359  
Expected Graduation: July 2016

Previous Institution:  
Michigan Technological University  
2011 - 2013

## EXPERIENCE

### WORK PROJECT

#### Facebook • Intern Developer • Three Months (Summer 2015)

- Hack (Facebook's variation on PHP)
- Worked on the People You May Know service (mid-stack) to give users a more customizable experience

#### Proto Labs • Intern Developer • Three Months (Summer 2014)

- C#, ASP .Net, HTML, SQL (LINQ)
- Member of the Business Software team
- Added many features to the internally facing site, which supports custom order management, manufacturing, and CRM

#### Compute Midwest 2013 Hackathon • Winning Team Member • 24 Hours (Fall 2013)

- Javascript (jQuery), CSS3, Haml, Ruby on Rails
- Won "Best In Show" at a professional hackathon
- Made an iOS app and web app for businesses (restaurants and cafes etc.) to source local art

#### HGST, a Western Digital Company • Intern Developer • Six Months (Summer/Fall 2013)

- PHP, SQL, Javascript (jQuery), CSS3, HTML5
- Developed new tools, and improved existing tool functionality and maintainability
- Normalized legacy databases and implemented the subsequent code refactoring

## LEADERSHIP

### Facilitator Trainee

For social justice dialogues. I will co-lead a three-credit class at the University of Michigan by facilitating three-hour-long dialogues each week on topics such as race, gender, and sexuality.

### Co-founder

Harbor, a women's health mentorship app-in-progress. We are a team of students who want to make sexual health more accessible, especially for adolescent women and (female) trans men.

### Co-founder

Wallspace, an optiMize Social Innovation Challenge project focused on finding alternative gallery space for student and emerging artists - currently conducting market research and viability testing. OptiMize is a community of people passionate about social change (optimizemi.org).

### Scholarship Attendee

Grace Hopper Celebration for Women in Computing. Four-day conference in Baltimore

## ADDITIONAL

**Dance** - Blues, Fusion, Bollywood, Hula Hoop, Swing

**Music** - [soundcloud.com/michaela-carmein](https://soundcloud.com/michaela-carmein) - singer, keyboard/synth, ukulele, guitar

**Travel** - India(1 month), Ecuador(1 month), Argentina(1 year), Backpacking Europe(1 month)

**Exchange Student** - Buenos Aires, Argentina. Year-long exchange program (2009)

## SKILLS

### Programming

- C++ • C • Java
- PHP • C# • ASP .Net
- JavaScript (jQuery) • SQL
- CSS
- HTML

### Spoken Languages

English (Native)  
Spanish (Fluent)  
Hindi (beginner)

### Other Skills

Version Control  
Database Normalization  
SolidWorks (3D modeling)  
Logic Pro (recording studio)  
Adobe Photoshop  
Adobe Illustrator  
Sketch (iOS design tool)