

# Andrew Chen

(248) 380 - 9188 | [anchen@umich.edu](mailto:anchen@umich.edu) | [github.com/chenan02](https://github.com/chenan02)

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## EDUCATION

**University of Michigan – Ann Arbor** 9/2013 – 5/2017  
B.S.E in Computer Science, School of Engineering

- GPA: 3.23/4.0
- Minor in Entrepreneurship
- Coursework:

EECS 482: Introduction to Operating Systems	EECS 485: Web Databases and Information Systems
EECS 481: Software Engineering	EECS 388: Introduction to Computer Security

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## EXPERIENCE

**Suitcase, LLC** 9/2016 – Current  
Application Developer

- Used C#/Unity 3D to implement features in BrideVue mobile application
- Continuously met rigorous deadlines in agile startup environment

**Enova International** 5/2016 – 8/2016  
Software Engineer Intern

- Built Ruby/Rails Mock Server application to test 3<sup>rd</sup> party API calls
- Contributed 56% of story points in 3-person team

**University of Michigan School of Architecture** 9/2015 – 7/2016  
Application Developer

- Wrote 1000+ lines of Javascript/D3.js code to generate 24 dynamic diagrams
- Translated 500+ lines of C++ into Java code

**The Principal Financial Group** 5/2015 – 8/2015  
Application Developer Intern

- Maintained EdgeUI, Principal's frontend framework
- Overhauled Time Collection application with RESTful Java API in all-intern scrum team
- Created Referral Advocate Program application using AngularJS and Firebase

**University of Michigan Transportation Research Institute** 9/2014 – 5/2015  
Research Assistant, Dr. Jingwen Hu

- Implemented 2500+ lines of C++ code to morph parameterized crash models
- Produced 50+ finite element models using Mimics and Hypermesh

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## ACTIVITIES

**University of Michigan Men's Glee Club** 9/2013 – Current  
[ummgc.org](http://ummgc.org)

- Updated public PHP/MySQL website regularly for 1500 unique visitors/month
- Constructed 500+ line PHP application to automatize club-hiring email system

**Soapbox Side Project** 2/2016  
[github.com/chenan02/soapbox](https://github.com/chenan02/soapbox)

- Developed news media application with Ruby on Rails, PostgreSQL, and Twitter/Twilio APIs
- Followed MVC and RESTful practices

**PicStack Side Project** 9/2015  
[github.com/chenan02/PicStack](https://github.com/chenan02/PicStack)

- Built picture-sharing web application with MongoDB, ExpressJS, AngularJS, and NodeJS
- Structured application to MVC conventions

**Findr Side Project** 1/2015  
[github.com/chenan02/Event-Locator](https://github.com/chenan02/Event-Locator)

- Created event-posting web application using PHP/MySQL and HTML/CSS/JS/jQuery
- Wrote 1000+ lines of code over 36 hours to plot user-inputted events with Google Maps API