

# Edward Knighton

## EDUCATION

### University of Michigan College of Engineering

Ann Arbor, Mi --- B.S.E. in Computer Science

Aug 2016 – May 2020

- Regents Merit Scholarship (Michigan Resident with High Achievement)
- GPA: 3.072

## EXPERIENCE

### Connect Space

Ann Arbor, Mi --- Web Development Intern

Summer 2019

- Worked as Full Stack Developer and was able to ship multiple features and hotfixes to production that are currently in use by clients
- Created two ReactJS front end applications as well as creating CRUD Ruby on Rails API endpoints for both services
- Decreased search times on multiple data tables by converting to AJAX and rewriting SQL calls to increase speed from  $O(n^2)$  to  $O(n+1)$

### Storming Images LLC

Farmington, Mi --- Software Development Intern

Summer 2018

- Ensured swift resolution of all delivery system bugs and errors
- Developed and built online inventory system to expedite expense and production tracking, built using a combination of AngularJS, C#, SQL and HTML5/CSS

## LEADERSHIP

### Kappa Theta Pi, Professional Technology Fraternity

Ann Arbor, Mi --- Director of Marketing

Aug 2017 – Present

- Developed concrete branding plan of action that ensures the community has a singular image of Kappa Theta Pi
- Participate in weekly meetings and discuss the development of technology in the local community, the local industry, and the greater world

### Michigan Advertising and Marketing

Ann Arbor, Mi --- Account Director

Aug 2016 – Jan 2018

- Managed team of five students as well as relationship with individual client
- Generated insights on the average customer profile for Wedit by using Google Analytics, this resulted in a pivot of the targeted marketing sectors
- Implemented and tracked the effects of recommended marketing strategy for local gelateria, Iorios, which increased in store foot traffic by 7%

## PROJECTS

### KTP.life | VueJS, HTML5/CSS

- Led team to develop social network for my co-ed professional fraternity

### Regulations.gov Web-Scraper | Python

- Created application that allows user to easily download and analyze comments on all legislature submitted to regulations.gov

248.568.1133  
edknight@umich.edu

826 Tappan Ave  
Apt A  
Ann Arbor, MI, 48104

## Skills

C++, C

HTML / CSS

JavaScript(React, Vue)

Ruby on Rails 5

## Coursework

### Completed:

Machine Learning

Computer Security

Data Structures and  
Algorithms

Web Databases & Information  
Systems

Computer Organization

Linear Algebra

Marketing Management

### Current:

Advanced Operating Systems

Theory of Computation

## Links

[linkedin.com/in/ejknighon/](https://www.linkedin.com/in/ejknighon/)

[github.com/Edward-Knighton](https://github.com/Edward-Knighton)

[EdwardKnighton.com](https://EdwardKnighton.com)