# 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 in development of social network for my co-ed tech 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/ejknighton/

github.com/Edward-Knighton

EdwardKnighton.com