

Joseph M Martinsen

joseph@martinsen.com | 832.476.9403 | Joseph.Martinsen.com

EDUCATION

TEXAS A&M UNIVERSITY '19

B.S. IN COMPUTER ENGINEERING

MINOR IN CYBERSECURITY

MINOR IN MATHEMATICS

May 2019 | College Station, TX

Cum. GPA: 3.11 / 4.0

LINKS

Github:// [JosephMart](#)

LinkedIn:// [joseph-martinsen](#)

Website:// [joseph.martinsen.com](#)

PROJECTS

Github:// [Return0Software/](#)
[Flix-with-Friends](#)

Github:// [Auto-CRN-Entry](#)

Martinsen:// [QR-Code-Gen](#)

SKILLS

PROGRAMMING

MOST EXPERIENCED:

- React • Python • JavaScript
- C++ • PostgreSQL • \LaTeX
- Git • D3

FAMILIAR:

- Go • Docker • Bash

OTHER SKILLS

- Scrum and Agile utilizing Jira
- Linux

EXPERIENCE

ADOBE | COMPUTER SCIENTIST

June 2019 | San Fransisco, CA

- Develop high-performance, reliable, testable and maintainable code.
- Collaborate with the team to create effective product test strategies.
- Understand users needs and product pain points to help devise and execute on a plan to deliver ongoing quality.

CAPITAL ONE | DATA ENGINEERING INTERN

Jun - Aug 2018 | Richmond, VA

- Directly assisted Commercial Data Engineering team in creating infrastructure to move from data-centers and into AWS
- Iteratively designed and built a full-stack web application following a microservice architecture to provide clear insight to a data analyst or tech user how metrics are progressing through the day as well as provide a clear dependency mapping between each metric

FROGSLAYER | SOFTWARE ENGINEER

April 2017 - Oct 2018 | College Station, TX

- Primary responsibilities include developing new features, debugging and resolving issues, testing my work, researching solutions to technical problems, and communicating with clients and team leads regarding the progress of key tasks or issues following Agile software development methodologies
- Common technologies include JavaScript ES6, Python, HTML5, CSS3, GitLab CI, MVC, Web API, HTTP, NGINX, REST, React, Redux, Django, Vagrant, C++, and PostgreSQL

MARTINSEN SOFTWARE & ELECTRONICS | FREELANCE

Aug 2015 - Dec 2018 | College Station, TX

- Provide automation tools, design and create webpages and assist in hardware repair and software support for companies and individuals in the College Station and Houston area

TEXAS A&M | PROJECT LEAD

May 2016 - Present | College Station, TX

- Currently developing and writing an undergraduate thesis that will allow a textbook's chapters and exercises to be dynamically linked through an ever changing dependency tree
- Lead Developer on a project that is converting a Math Textbook from \LaTeX into a fully functional and animated HTML5 website version

AWARDS & SOCIETIES

2019	Undergraduate Research Scholar	Texas A&M
2018	Thesis Presentation	Joint Math Meeting (Baltimore, MD)
2017	Best Use of AWS	Hack Houston
2017	Most Innovative Hack	Qualcomm Hackathon
2016	Member	IEEE
2015	Webmaster	Council of Undergraduate Research
2015	National Hispanic Scholar	College Board