

# Austin Deschenes

## SUMMARY

I am a Software Engineer with 5+ years of experience developing and maintaining applications hosted across a variety of platforms and software stacks. Real world experience combined with a thorough and comprehensive education has given me the necessary skills to adeptly fulfill roles pertaining to software development and engineering.

## EXPERIENCE

### Software Engineer, Nelnet Diversified Solutions, Inc.

Rocky Hill, CT — June 2016 - Present

Developed and maintained a variety of inward and outward facing web applications. Enabled deployment of scalable, reliable, containerized application instances via Kubernetes on AWS. Utilized the Agile methodology with a focus on flexible, qualitative, and iterative product delivery via the “Minimum Viable Product” approach.

### Undergraduate Research Assistant, University of Connecticut Nanoelectronics Laboratory

Storrs, CT — May 2014 - May 2016

Performed extensive research on thermoelectric, RRAM, and STT-MRAM devices. Developed models using complex algorithms, material properties, and thermoelectric equations. Applied software development skills to build Finite Element Modeling applications to facilitate research.

### Tutor, University of Connecticut Q-Center

Storrs, CT — October 2013 - May 2015

Provided support to students via academic guidance and aid. Helped students grasp coursework and content from classes including, but not limited to: mathematics up to differential equations, physics, circuit design, program development.

## EDUCATION

### University of Connecticut, School of Engineering

Storrs, CT — August 2012 - May 2016

Bachelor of Engineering, Computer Science and Engineering. GPA of 3.796, Dean of Engineering’s List, and Dean’s List.

## SKILLS

- Proficient with Java, Javascript, Typescript, HTML, SQL, CSS, LESS, and more; limited experience with Python, C++
- Proficient in frameworks such as Spring, Angular, jQuery, Bootstrap, and more
- Proficient with SQL databases (MySQL, Microsoft SQL Server), limited experience with NoSQL (MongoDB)
- Experience with application deployment systems Kubernetes (including Rancher) and Docker
- Well versed with cloud based hosting platform Amazon Web Services (AWS)
- Experience working in an Agile environment as part of Scrum teams of varying sizes and dynamics

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