

Ethan Williams

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Education

Iowa State University | Ames, IA
Expected Graduation: May 2019
Bachelor of Science, Computer Engineering, Economics minor
Iowa State Engineering MBA Program
GPA: 3.68/4.0

Work Experience

Iowa State University | Teaching Assistant
January 2017-Present

- Collaborate with professor and coworkers to improve introductory computer engineering class
- Help students achieve proficiency in C through labs and office hours

Spreetail | Software Engineering Intern
May 2017-August 2017

- Worked full-stack alongside fulltime development team contributing to department objectives
- Collaborated with other teams on specialized objectives in machine learning and mobile development

Technologies used:

C#, Javascript, Knockout, Anaconda for Python, Xamarin, LINQ, SQL, Entity Framework

Nexteer Automotive | Software Engineering Intern
May 2016-August 2016

- Built a WPF application which helps multiple teams record and organize software test cases
- Wrote an example application on web services in Java with accompanying guidelines to help the development team with their integration projects

Technologies used:

C#, Java, C++, SQL

Skills and Platforms

Skilled in: Java, Javascript, C#, C/C++, Python, Android, Xamarin, SQL, LINQ, Firebase

Activities

Institute of Electric and Electronics Engineers (IEEE) | Secretary

- Collaborate with executive team to ensure club activities go well and personally keep all club members updated on current activities and events

Mobile Development Club

- Work with club members to improve on personal projects as well as help others as they encounter issues or have questions in their projects

Iowa State University Honors Program

Microsoft College Coding Competition 2016, 2017

HackISU Fall 2016, Spring, Fall 2017

Projects

Ease of Use | Individual | Play Store:

<https://goo.gl/iAQJcP>

- Android application using Firebase storage which shows users dynamic, curated men's fashion pieces which is searchable. Currently working on an algorithm for giving item suggestions to users based on history

LiveWell | Group | github.com/ethwillz/LiveWell

- Computer Science 309 project (awarded top 12 project and personally received top code contributor for the class) built using the Xamarin framework for building cross-platform mobile applications
- Aims to make the management and everyday life of rental properties easier.