

# 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 run and improve our introductory C course
- Devote time to help students advance their problem solving and organizational skills

**Spreetail** | Software Engineering Intern

May 2017-August 2017

- Ensured system stability while pushing new features, working full-stack in the same sprint as the fulltime developers
- Increased the logistic regression email classifier's accuracy from approximately 78% to over 85% after taking Stanford course in machine learning

Technologies used:

C#, JavaScript, Knockout, Python (with sklearn),  
webpack, Linq, SQL, Entity Framework

**Nexteer Automotive** | Software Engineering Intern

May 2016-August 2016

- Supported multiple development team track thousands of test cases through creating a WPF management program
- Assisted the development team integrate the company's software through evaluating a REST API and authoring guidelines on its use

Technologies used:

C#, Java, C++, SQL

## Activities

**Institute of Electric and Electronics Engineers (IEEE)**

Secretary

Coordinate with executive team to enhance membership through organizing events such as company presentations

**Mobile Development Club**

Improving my Android skills and assisting junior members in app design

**Iowa State University Honors Program**

**Microsoft College Coding Competition** 2016

**HackISU** Fall 2016, Spring 2017

## Projects

**Personal Site, ethwillz.com** | Individual

Personal website to showcase my skills and projects

Technologies used:

HTML, CSS (Sass), JavaScript, JQuery, webpack

**Ease of Use** | Individual

Social media application to share personal style and be inspired by others' styles

Technologies used:

Java, Android Studio, Firebase

**LiveWell** | Group

- Mobile application offering a solution to common tenant-landlord inefficiencies such as rent payment and fines
- Earned top 12 project (>50 projects in class), personally earned top code contributor

Technologies used:

Xamarin (C#), PHP, and MySQL

## Skills and Platforms

**Languages/ Frameworks:** Java, JavaScript, C#, C/C++, Python, Android, Xamarin, SQL, Knockout, JQuery, Sass

**Tools:** Firebase, webpack, Linq, GitLab, Entity Framework, IntelliJ, Visual Studio, Git