|  |  |
| --- | --- |
| Ethan Williams | 304 Hilltop Rd, Ames, Iowa 50014  319-640-6431  ewwilliams6@gmail.com  ethwillz.com |

\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| **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. |