

# Travis Newgren

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## EDUCATION

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**University of Illinois at Urbana - Champaign**

*Bachelor of Science in Computer Science*

May 2019

GPA: 3.96/4.0

Related Coursework: Computer Architecture, Systems Programming, Data Structures

## RELEVANT EXPERIENCE

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**Shure Incorporated**

Chicago, IL

*Software Development Intern, Automated Test Software Team*

May 2017 – August 2017

- Improved company software used for development stage testing; reviewed and deployed these additions to plants in over 5 countries on a weekly basis
- Completed a long-term, solo project involving major changes, like the implementation of reflection, to over 20 instrument drivers and test software for hundreds of products
- Mastered version control and issue tracking in team environments with SVN and JIRA

**Stamp Travel LLC.**

Chicago, IL

*Intern, Lead Android Developer*

May 2015 – August 2015

- Developed application using Android Studio for Stamp Travel with 3 member team
- Implemented Google Maps API, used HTTP requests with authorization tokens and headers
- Social media platform similar to Instagram serves 5000 active users

## PROJECT HIGHLIGHTS

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**Honors CS Course Project**

September 2016 – December 2016

- Directed team of 4 in creating mobile application Python backend with Flask
- Collaborated with front end team of 4 to optimize JSON response and sqlite database format
- Presented on technical aspects of live mobile app via demo in front of panel of 15 at end of semester; only team of 20 to deploy live mobile application

## TECHNICAL SKILLS

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**Proficient Languages:** Java, C++, Python, HTML, JavaScript, PHP, SQL, Git, Subversion

**IDEs:** IntelliJ IDEA, Visual Studio, Eclipse, Android Studio, vim

## LEADERSHIP AND HONORS

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**Course Assistant for Honors CS Course**

January 2017 – Present

- Acted as project manager for team of 8 students whom I administered in deploying mobile and web applications
- Collaborated with course executive board in planning weekly lectures
- Aided in building and grading weekly homework sets with complex programming problems written in Python

**Engineering James Scholar**

February 2016

- Awarded upon admission for satisfying GPA and honors course requirements