# Victor Amupitan

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**victoramupitan.com**

## Education

**IOWA STATE UNIVERSITY, AMES, IA**
· Bachelor of Science in Software Engineering                                    Expected May 2019
· GPA: 3.90/4.00
· Iowa State's Dean's list all six semesters

## Work Experience

**SOFTWARE DEVELOPMENT INTERN | WORKIVA INC. | MAY 2017 – AUGUST 2017, MAY 2018 – PRESENT**
· Developed features on the client and server sides of a spreadsheets web application to improve usability and user experience
· Integrated application with other critical internal services.
· Implemented major user-experience improvements, coordinating closely with UX resources.

**FULL STACK WEB DEVELOPER & REASEARCH ASSISTANT | GENETICS, DEVELOPMENT & CELL BIOLOGY, IOWA STATE UNIVERSITY | AUGUST 2016 – MAY 2017**
· Provided a web interface for a gene tracing tool to make it user friendly and more useable by a wider audience.
· Developed the frontend with HTML/CSS/JavaScript(jQuery), and the backend with Python (Django).

## Skills

| Languages | | | Libraries/Frameworks/Databases | |
| --- | --- | --- | --- | --- |
| · C/C++ | · JavaScript/TypeScript | · Dart | · Django | · MongoDB |
| · Java | · Go | · Python | · React.js | · Node.js |

## Projects

**READY SET BALL**
· Built a service to help people find and start pick-up games in their community.
· Developed the frontend of the web application using React, and the backend using Go.
· Enhanced code quality by introducing code review and continuous integration.

**MOBILE APPLICATION DEVELOPMENT**
· Initiated the creation of an Instant Messaging mobile app to help people send and receive messages without a language barrier.
· Created the structure and UI components of the app using React Native (TypeScript).

**STUDY CARD MAKER**
· Provided a web application to help students create note cards from already typed notes, eliminating manual creation of study cards.
· Worked on the parser. Developed the service using Node.js.

**ROGUELIKE DUNGEON GAME**
· Developed a game in C++ to better understand concepts like graph algorithms, memory management, and Object-Oriented design.

**CHROME BROWSER EXTENSION DEVELOPMENT (HACKISU HACKATHON)**
· Developed a browser extension to enhance productivity by blocking selected websites on the user's request at certain times.
· Participated in a hackathon in a team of four to create the extension using JavaScript.

**CYBER DEFENSE COMPETITION**
· Collaborated with two other group members to set up a server and secure it from professional penetration testers on the final day of the competition.

## Leadership

**COMMUNITY ADVISER, IOWA STATE UNIVERISTY RESIDENCE**                                    AUGUST 2017 – MAY 2018
· Developed programs and provided resources on diversity, personal development and academic success.
· Provided advice to residents and responded to routine and emergency situations.

**INFORMATION ASSURANCE STUDENT GROUP**                                                                SPRING 2017
· Used communication skills to give a presentation on Linux networking tools when I was the club's public relations officer.