

# Prathamesh Kotgire

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## OBJECTIVE

Seeking a technical internship within the software engineering industry to apply my leadership and programming skills while exploring new techniques in the field of Computer Science.

## EDUCATION

- Bachelor of Science, Computer Science – Departmental Honors Expected May 2019
- Minor – Astronomy
- University of Maryland, College Park, MD
- Current GPA: 3.54
- Previous Coursework: Database Design, Algorithms, Computer Systems, Object Oriented Programming, Calculus 3
- Current Coursework: Computer & Network Security, Advanced Data Structures, Introduction to PHP & JavaScript

## SKILLS & ABILITIES

- Advance Java 8 / Eclipse Oxygen
- Intermediate C / Shell
- Intermediate JavaScript & PHP
- Intermediate HTML & CSS
- Beginner SQL
- Beginner Assembly / MIPS
- Beginner Python and Ruby
- Beginner OCaml
- Beginner Prolog
- GIT
- Beginner Android Studio
- Windows and Linux OS
- Beginner Matlab
- Arduino / Raspberry Pi
- Bread boarding / Circuits
- Wiring / Soldering
- Knowledge of electronic components and their usage
- Adobe Illustrator, Flash, Muse, and Dreamweaver

## EXPERIENCE

### Teaching Assistant | Object Oriented Programming II | University of Maryland January 2018 – Present

- Assisted professor in teaching students Java while answering questions regarding the class material
- Help students learn about Eclipse and debugging code
- Taught students about various data structures such as maps, graphs, trees, and sets

### Teaching Assistant | Introduction to Computer Systems | University of Maryland August 2017 – December 2017

- Assist professor in teaching students C while answering questions regarding the class material
- Help students learn about Linux, Shell, Emacs, and MIPS
- Hold weekly office hours to assist students having trouble with class material and projects

## Portfolio

### Website Developer | Alpha Phi Omega – Epsilon Mu Summer 2017 - Present

- Designed fraternity website using Adobe Muse and HTML (<http://apo-em.org>)
- Simplified the previous design and introduced new functionalities to increase efficiency and productivity
- Set up an email list under the apo-em.org domain

### Game Developer | Minecraft Plugin and Server Development December 2016 – Present

- Created multiple plugins for the game Minecraft using the Bukkit API
- Developed and currently maintain a public server for users to play Minecraft
- Integrated custom developed plugins into public server
- Developed and currently host website for public server on a custom domain

### Game Developer | Asteroids Game Summer 2016

- Developed a version of a game called Asteroids using Java 8 and Eclipse
- Wrote program efficiently using a total of 15 classes 1438 lines of code
- Overcame challenges consisting of ship drifting and ship turning