

Derek Yee

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Education

California State Polytechnic University, Pomona

BS IN COMPUTER SCIENCE

GPA: 3.63

Pomona, CA

Aug 2015 – May 2019

Experience

California State University, Pomona

Pomona, CA

AR RESEARCH INTERN

Jan 2019 – May 2019

- Developed an educational interactive augmented reality sorting application in a team of two following Agile development.
- Designed and implemented GUI scenes, C# scripts, and adjustments from user feedback.
- Demo at: <https://www.youtube.com/watch?v=DtawEmU9MvM&feature=youtu.be>

California State University, Pomona

Pomona, CA

TEACHING ASSISTANT

Aug 2017 – May 2019

- Graded exams/projects, and individually going through them with peers giving tips, guidance, and support.

Skills

Programming Languages (Proficient): Java, SQL, C++

Programming Languages (Familiar): HTML, JavaScript, Python

Version Control: GIT

IDEs: Eclipse, NetBeans, Unity, Android Studio, Visual Studio

Projects

Restaurant History

Java, JavFX, MySQL

- APPLICATION THAT ALLOWS USERS TO DOCUMENT FAVORITE RESTAURANTS THROUGH RATING, NOTES, AND PICTURES.
- DESIGNED MYSQL DATABASE TABLES AND UTILIZED JAVAFX FOR GUI COMPONENTS.

<https://github.com/derekyee97/restaurant-history>

Java, MongoDB

Paw-MD

- DOG INFORMATIONAL WEBSITE TO GIVE TIPS FOR NEW DOG OWNERS (TEAM OF FOUR) .
- CREATED/MAINTAINED MONGODB, EXTRACTED INFORMATION FROM DOG API, AND IMPLEMENTED SEARCH WEBPAGE FUNCTIONALITY USING HTML/JAVASCRIPT.

<https://cs480-projects.github.io/teams-fall2018/SnackOverflowed/>

C#, Unity

Space Shooter

- LEARNED TO DEVELOP IN UNITY BY DESIGNING CLASSIC SPACE SHOOTER GAME.
- CREATED GAME SCENES, AND APPLIED C# SCRIPT FUNCTIONALITY TO IMPORTED GAME ASSETS.

https://github.com/derekyee97/SpaceShooter_Unity

Java

8 Puzzle Solver

- JAVA PROGRAM UTILIZING A* SEARCH TO SOLVE A 8 PUZZLE OPTIMALLY WITH ILLUSTRATION.

https://github.com/derekyee97/8Puzzle_Solver

Activities

Aug 2016 - May 2019 **SheCodes Mentor**, Helped in running annually hosted Local Hackathon sponsored by Major League Hacking, and annually hosted FWD Conference teaching high school students' fun ways to code.

Aug 2015 - May 2019 **Kelloggs Honors College Member**, Organization that required its members to volunteer locally 20 hours per term and maintain a GPA of 3.5.

Apr 2019 **CPP 2019 Science Research Symposium Presenter**, Presented and gave live demonstration of AR research to faculty and peers.