

Ryan Bartoli

<https://www.linkedin.com/in/ryan-bartoli/> | [/resume](#)

Software Developer: OS and Game Development
Sacramento and Bay Area, California

ryanbartoli707@gmail.com

<https://jellope.github.io/>

Education

In progress: **BS, Computer Science**, California State University, Sacramento • Spring 2020

- Assorted leadership positions for ACM (Assoc. For Computing Machinery) on campus.
- Volunteered and managed volunteers at the CSUS Programming Competition (ICPC Locals) for 6 semesters.
- Volunteered for Women's Shadow day by SWE (Society of Women Engineers) in 2015 and 2017.
- Worked on behalf of my organization to help run the Game Development Club's Game Jam competition in 2017.

Technical Skills

Languages: (in descending order of proficiency) Java · HTML · C · C# · Javascript · Python · Lua · NASM

Systems: Windows · Linux · Mac OS

Technologies/Frameworks: React · Node · Bootstrap · Axios · Grunt · Unity

Work Experience

Safeway: Night Crew

Summer 2019

- Broke down ship-to-store grocery pallets and spotted them down their appropriate aisles.
- Stocked and faced store shelves.
- Worked at the checkout stand as a clerk, a bagger, and a cart attendant.
- Provided customer assistance throughout the store, assisted in walking them to their vehicle.
- Managed cardboard disposal and made bails when necessary.
- Expected to complete my tasks and adhere to store policy with minimum to little supervision.

Target: Seasonal Flex Team Member

Summer 2018

- Located items in the store for online order pickups and packaged ship-to-store shipping orders.
- Stocked store shelves and performed assistance with transporting large purchases for guests.
- Gathered carts, cleaned restrooms, and managed cardboard disposal.

Dermveda: Frontend Web Development Intern

Summer 2017

- Worked in a small team to design the front page of the Dermveda website using the React framework.
- Wrote the initial automated system tests, providing future teams a template to test the website.
- Produced documentation for the website's content management system.
- Performed quality assurance review of production code and documentation.

Murillo's Restaurant: Busser

Spring 2017

- Cleared, cleaned, and set tables.
- Transported and cleaned dirty dishes.
- Operated a deep fryer and served chips.
- Performed after-closing cleaning throughout the restaurant.

Projects

Senior Project: My senior project, Statistics Analysis Visualizations for Introductory Statistics (SAVIS), is a website/standalone program to assist teachers in teaching statistics.

- Manually tested several features of the project throughout its development.
- Produced a majority of the documentation for the project.
- Took notes on behalf of the group during our client and advising meetings.
- Organized our agenda for team meetings.
- Our project is currently being used by the professor for his class.

Cooper AI: MinMax adversarial search that can play a special rule set of chess.

- Implements iterative deepening, alpha beta pruning, and various move heuristics.
- Won 6th place in class AI competition, going 11-3.

Personal Website: Ongoing project to showcase projects, interests, and my resume.

- Built with a focus on easily changeable style sheets.
- Highlights core programming projects I've worked on during school.

Bright Bots Game: Unity game developed with a team at The Progressive Gamejam

- Hosted by Square One Clubs over the course of nine months.
- Coded and designed the game levels.
- Produced documentation for the project.
- Built various gui's and tools to enable our designers to easily place their contributions in the game.
- Contributed to the development of the game's backend.

Professional Activities

CSUS ACM Vice President

Spring 2017

- Was responsible for bringing concerns and interests of the club's members to the officers.
- Produced documentation on club officer roles.
- Created a google drive for the club to provide a central file structure for its officers.
- Wrote documents to highlight the success of past club strategies.
- Spoke on behalf of the club with other campus organizations.
- Assisted the recruitment officer in interviewing upcoming candidates.

CSUS ACM Event Coordinator

Spring/Fall 2016

- Was responsible for planning both academic and recreational events for the club members.
- Ensured that the preparatory work for events were laid out in advance and backup plans were established.
- Spoke to vendors and made purchases on behalf of the organization for the planned events.
- Represented the organization in campus wide club funding meetings.
- Helped design the text application server the officers would use.

CSUS ACM Secretary

Spring/Fall 2015

- Was responsible for attending all officer meetings, taking minute notes, and compiling them into a written agenda.
- Documented agendas physically for file storage.
- Collaborated with the webmaster to write club newsletters.
- Worked toward streamlining the club's note taking process.
- Worked toward moving officer online discussion from emails to text applications.
- Assisted the recruiting officer with giving speeches in classes.