Jason Avalos

Education

- **Bachelor of Science in Mathematics – Computer Science**
  - UC San Diego — La Jolla, CA. — Aug 2017 - June 2020

- **Associate Degrees in Mathematics**
  - Southwestern College — Chula Vista, CA. — June 2014 – May 2017

Projects

Portfolio Webapp
- I designed and implemented this web application using React for individuals to have a visual representation of my resume. In addition, I wanted to learn about the component nature of react and how to use props and state properly.
- For development, I used NodeJS, JSX, CSS, Bulma framework, HTML and a firebase.
- For deployment, I used Netlify since my webapp is static.

Velocity Raptor Chrome Extension
- This Chrome Extension was part of a CSE 112 project. Its main purpose is to keep track of sprints using GitHub in an agile team to keep track of velocity. User can have a notion of their velocity by a running raptor that matches their completion rate.
- I was in charge of designing the Front-end using HTML, CSS, Bootstrap and JavaScript.

Linkup Webapp
- This Chrome Extension was part of a CSE 112 project. Its main purpose is to keep track of sprints using GitHub in an agile team to keep track of velocity. User can have a notion of their velocity by a running raptor that matches their completion rate.
- I was in charge of designing the Front-End using HTML, CSS, and JavaScript.

Work Experience

Program Assistant — June 2020 – Aug 2020 — Online
Chancellor's Associates Scholarship Program.

- Coordinate a summer transition program for 400+ incoming students via Zoom.
- Oversee intern supervisors training for intern CASP students.
- Find innovative ideas to ensure student engagement using online tools.

Learning Community Facilitator — January 2020 – June 2020 — La Jolla, CA | Online
Chancellor's Associates Scholarship Program

- Facilitate seminar sessions with 20+ students.
- Co-facilitate OLC seminars with a CASP professional staff member.
- Help to plan seminars.
- Maintain consistent communication with seminar students

Peer Leader — September 2020 – June 2020 — La Jolla, CA | Online
Chancellor's Associates Scholarship Program

- Work with a caseload of 8-10 CASP students by providing support and counseling related to academic, personal, and sociocultural issues affecting their college transition.
- Foster a welcoming, safe, and inclusive community among entering students and to encourage student development and identity awareness through peer mentoring meetings.

Summer Intern Supervisor — June 2019 – August 2019 — La Jolla, CA
Chancellor's Associates Scholarship Program

- Co-lead a group of approximately 21 retreat participants to ensure their active learning, well-being, enjoyment and safety.
- Facilitate ice breakers, team builders, discussions, and activities related to leadership and diversity.
- Maintain and enforce program rules and UCSD policy and procedures.
- Assist with program and learning outcome assessment.

Contact Information

- jsonavalos@gmail.com
- linkedin.com/in/jsonavalos/
- github.com/jsonavalos
- 619 -371 -8561

Skills

Programming Languages (Proficiency)
- Java — ✓✓✓✓✓
- C++/C — ✓✓✓✓
- JavaScript — ✓✓✓✓✓
- Python — ✓✓✓✓✓
- Typescript — ✓✓✓✓
- SAGE — ✓✓✓✓
- Assembly — ✓✓✓✓
- MATLAB — ✓✓✓✓
- R — ✓✓✓
- Swift — ✓✓
- Kotlin — ✓✓

Tools
- HTML — ✓✓✓✓✓
- Bootstrap — ✓✓✓✓✓
- Bulma — ✓✓✓✓✓
- PyCharm — ✓✓✓✓✓
- WebStorm — ✓✓✓✓✓
- Linux — ✓✓✓✓✓
- VS Code — ✓✓✓✓✓
- GitHub — ✓✓✓✓✓
- Linux — ✓✓✓✓✓
- Django — ✓✓✓✓
- NodeJS — ✓✓✓✓
- React — ✓✓✓✓
- RStudio — ✓✓✓✓
- npm — ✓✓✓✓
- Firebase — ✓✓✓

Spoken & Written Languages
- English — ✓✓✓✓✓
- Spanish — ✓✓✓✓✓

Other Skills
- Teamwork — ✓✓✓✓✓
- Analytical Thinking — ✓✓✓✓✓
- Leadership — ✓✓✓✓✓
- Fast learner — ✓✓✓✓✓
- Detail-oriented — ✓✓✓✓✓

Honors and Awards

- ⇒ Chancellor's Associates Scholarship Program recipient. ($20,000)
- ⇒ Graduated with honors from Community College.