

BRADEN BECK

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EDUCATION

California Polytechnic State University
Bachelor of Science
Computer Science - College of Engineering

Sep 2013 - Jun 2017

TECHNICAL STRENGTHS

Computer Languages	Java, JavaScript, C/C++, Python
Software & Tools	LaTeX, bash, vim, React, RDS/SQL, AWS, JTS/JSTS, GNU + Linux

EXPERIENCE

Amazon San Luis Obispo
Intern

Jan 2016 - Jun 2017

- Worked to build a generative testing framework for modeling and generating tests for software systems in the Prime organization.

Amazon Prime
Software Development Engineer

August 2017 - August 2018

- Worked in a team that worked with accounting systems for Amazon Prime and managed the source of data for information about Prime Plans.
- Migrated accounting reconciliation data off of oracle to postgres rds while maintaining SOX compliance.
- Managed data for Prime Plans, maintained and developed website with tooling around Prime Plans including visualizing renewal logic around plans.

Amazon Last Mile Technology
Software Development Engineer Level 5

August 2018 - Present

- Managed defining and managing GIS data for Amazon delivery Stations
- Created system to algorithmically simplify and propagate GeoJson data to downstream systems to affect package labeling and ultimately drive roll-out of a new routing model for all Amazon Delivery Stations in the United States and Europe.
- Worked on full stack React based web app that allows users to define/configure geographic areas for Delivery Stations

ACADEMIC ACHIEVEMENTS

Deans List for 4 quarters (when I took only CS classes)

TA for 2 years. Taught a lot of students about systems programming, I believe anyone can learn CS if they just apply themselves.

PROJECTS

RhythmRunner
c++/opengl

github.com/bbeck13/RhythmRunner

- Organized and managed small group project to create a cross platform video game using opengl. Created level editor / procedural generated levels based on audio signals so that players movement was in time with music

EXTRA-CURRICULAR

Outrigger Canoeing

June 1994 - Present

- Sailing is an exercise in preserving and illuminating the history and culture of my homeland, the Pacific.
- <https://www.patagonia.com/blog/2018/02/a-thirty-five-year-voyage-back-in-time/>
- <https://hanahou.com/22.2/outrigger-odyssey>