

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

EXPERIENCE

Amazon Prime

August 2017 - August 2018

Software Development Engineer

- 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 free trial and renewal logic.

Amazon Last Mile Technology

August 2018 - November 2019

Software Development Engineer 2 (L5)

- Created system to algorithmically simplify and propagate GIS 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.

AWS Security

November 2019 - Feb 2021

Software Development Engineer 2 (L5)

- Built ETL system for processing and delivering security agent logs and much more, dealing with petabytes of security data.
- Used state of the art infrastructure as code on AWS to create and manage entire cloud infrastructure systems through code.
- Integrated with crowdstrike and splunk to gather, organize and monitor security logs.

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

github.com/bbeck13/RhythmRunner

c++/opengl

- 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

- <https://www.patagonia.com/blog/2018/02/a-thirty-five-year-voyage-back-in-time/>
- 'https://hanahou.com/22.2/outrigger-odyssey'