

# BRADEN BECK

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## EDUCATION

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

*Sep 2013 - Jun 2017*

## TECHNICAL STRENGTHS

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

## EXPERIENCE

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**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 renewal logic around plans.

**Amazon Last Mile Technology** *August 2018 - November 2019*  
*Software Development Engineer 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 - Present*  
*Software Development Engineer L5*

- AWS security is focused on creating and maintaining secure infrastructure through AWS, ensuring AWS customers are protected from external and internal threats through monitoring and surveillance.
- Used state of the art infrastructure as code on AWS to create and manage entire systems through code.
- Creating AWS solutions similar to third party companies such as CrowdStrike and Splunk.

## ACADEMIC ACHIEVEMENTS

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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

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**RhythmRunner** [github.com/bbeck13/RhythmRunner](https://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

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**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>