

# Brennan D Baraban

## Software Engineer

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## EDUCATION

**Holberton School of Software Engineering, San Francisco**  
Completed foundations curriculum

Jun 2019

**University of California, Davis**

Graduated in 3 years with B.A. in American Studies, double minor in Statistics & Economics

Jun 2018

GPA: 3.86

**Coursework:** Client- & server-side web development, RESTful APIs, test-driven development, version control, data structures & algorithms, Linux/Unix, databases, system administration & DevOps, site reliability engineering, scripting, code review

## SKILLS

### Software

Application Development  
React, HTML, CSS  
AWS, Stripe, Vercel

Database & API Design  
Unity, C#, C  
SQL, Git, Bash

JavaScript, TypeScript, Node  
Python, Flask  
Windows, Mac, Linux

### Interpersonal

Proactive communicator  
Self-starter  
Attention to detail

Natural leader  
Rapid learner  
Long-term vision

Excellent writer  
Creative mindset  
Product intuition

## WORK HISTORY

**Lead Software Engineer, Einstein Studios**

Sept 2019 - Present

- Own scalable web & desktop projects built on serverless architecture and functional programming
- Consult weekly with CEO & CTO on company growth, brand, and product-market fit
- Communicate with and incorporate product feedback directly from users

## PROJECTS

**Koala 3D Virtual Classroom | Einstein Studios**

[teachwithkoala.com](https://teachwithkoala.com)

**Unity, C++, TypeScript, React, Next.js, Electron, MySQL, AWS, Vercel, Photon Engine**

- Collaborate with CTO to rapidly develop Unity, web, and Electron applications supported on 3 platforms
- Learn Unity & C# to contribution-ready level within one month
- Maintain monthly release schedule for application hosting over 300 sessions per week and growing

**Tutoring Web Platforms | Einstein Studios**

[einsteinstudios.io](https://einsteinstudios.io)

**TypeScript, React, GatsbyJS, MySQL, Stripe, AWS, Vercel**

- Ship two full-stack applications from scratch within 3 months of joining the company
- Automate recurring weekly scheduling among over 300 tutors and users
- Process as high as \$16,000 in gross volume per month