

# Jayd Saucedo

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## About

I am a Computer Science Graduate and Software Engineer with a strong interest in practical applications seeking a position that utilizes my knowledge, experience, and passion of programming and software design.

## Toolbelt

Rails, Javascript, Node, React, PostgreSQL, Docker, Android, Java, C++, C, Python, .NET, MongoDB, MySQL, PHP, C#

## Education

### Bachelors of Science Computer Science

Minor: Mathematics  
CSU Chico, 2015  
Overall GPA: 3.9  
Summa Cum Laude

## Awards

Dean's list honors  
Ray Stapleton Family  
Scholarship  
Dale Stevenson Memorial  
Scholarship

## Activities

Vice President and  
co-founder of web  
development club  
Member of Upsilon Pi  
Epsilon honors club

## Work Experience

### Haselton Baker Risk Group - Software Engineer, Contract

August 2017 - present

Developed a GIS-based online report tool with a team of six engineers.

- Designed a secure JWT based file creation and download system.
- Configured a docker environment to fit unique GIS data processing requirements.
- Built an API for managing users, companies, and access tokens using Node, Express, and PostgreSQL
- Developed React/Redux frontend that accepts user input to generate and securely serve PDF reports.
- Optimized data processing times resulting in a **12x efficiency increase**.

### Freelance - Web Developer

August 2016 - July 2017

Worked on various web applications using PHP, Rails, and Javascript. Engaged in community development, took college courses, and traveled.

- Communicated and secured contracts while ensuring satisfaction with clientele.
- Developed and maintained full stack web apps that handle traffic from thousands of users every day.

### The Nerdery – Android Software Engineer

January 2016 – July 2016

Worked on a team developing mobile applications in the IoT and BioTech field.

- Architected and Developed onboarding flow in application for people with diabetes.
- Worked closely with design team to create intuitive UI, animations, and transitions.

### Chevron – .NET Software Engineer, Intern

May 2014 – August 2014

Worked with a R&D team developing a prototype application using the Microsoft Kinect Framework. Refactored administration tools for a large scale web application that is used throughout their refineries. Utilizing tools such as the .NET MVC Framework and Entity Framework with languages such as C# and Visual Basic.

- Performed query optimizations resulting in a **10x efficiency increase**.
- Reduced complexity of the overall application by utilizing MVC and object oriented techniques thus making future feature additions much faster.

**Projects** - A full list of my projects can be found at [www.JaydSaucedo.com/projects](http://www.JaydSaucedo.com/projects)

### Ceiling Fan Animator - one of my funnest projects

I made a video of some tape I put on a ceiling fan that created a spiral animation when turned on and Reddit loved it enough to put it on the front page. So I developed a tool.

- Users can create custom designs through a canvas drawing tool
- Unique algorithm processes user drawings into realistic ceiling fan animation
- Original video has over 1.3 million views.

### GenuineReaders.com - one of my more interesting freelance projects

Developed an online psychic hotline with a custom user management system.

- Developed Admin section to handle privilege levels, user currency, emailing, etc.
- Designed and implemented Paypal API integration to allow users to buy chat tokens.
- Developed Javascript Chat room with unique interfaces for the reader and client.