

# CHARIS GINN, SOFTWARE ENGINEER

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## SKILLS

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**Technical Skills.** React-Redux, Ruby on Rails, JavaScript, Node.js, HTML, CSS, SCSS, Git, PostgreSQL, Rspec, Capybara, Heroku, MongoDB **Intermediate Proficiency.** PowerShell, Java, Swift, Python **Soft Skills.** Strong interpersonal relations, high intrinsic motivation, high-energy, self-directed, self-competitive, structure-oriented, flexible, integrous

## EDUCATION

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### App Academy

San Francisco, CA

Full-Stack Software Engineering Program, Spring 2021

**Course Highlights:** Databases • APIs • User authentication • Pixel-Perfect Design • Test-Driven Development • DRY code

**Experience:** Coding in professional environment, pair programming, project collaboration, managing shared projects via GitHub

### Northwestern Oklahoma State University / Southern Polytechnic University

Alva, OK / Marietta, GA

B.S. Computer Science, B.S. Mathematics, Fall 2016 - Fall 2020

**Course Highlights:** Programming in Swift • Databases • Web Design • Discrete Mathematics • Modern Algebra

**AFROTC:** Offered full-ride scholarship by the USAF • Distinguished Graduate (top 5%) from 2018 Field Training at Maxwell AFB

**Academic Awards:** 4.0 GPA for both degrees • President's or Dean's List every semester • 5-10 merit-based scholarships including full-tuition HOPE scholarship • Outstanding Mathematics Student 2019-2020

## PROJECTS

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Align Financial | [Live](#) | [Git](#)

PostgreSQL, Ruby on Rails, Node.js, React-Redux

- A clone of the online financial institution Ally Bank with fully operational CRUD features for users, accounts, and transactions
- Implemented a search feature for transactions that checks search term against multiple columns of each transaction

TracNova | [Live](#) | [Git](#)

MongoDB, Express, React, Node.js

- A habit-tracker app that accepts daily entries for and calculates the correlations between multiple habits or factors
- Coordinated plans and delegated tasks as the project manager of a group to complete a full-stack project in under a week

Time Value of Money Visualizer | [Live](#) | [Git](#)

Vanilla JavaScript, HTML, CSS

- An interactive graph of the time value of money at a given interest rate over a given period of time
- Built custom animation to rescale graph as the balance grows over time with pause/play/speed settings

## WORK HIGHLIGHTS

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### System Analyst (references available)

Alva, OK

Northwestern Oklahoma State University I.T. Department, Jan 2020 - Sep 2020

- Researched, budgeted, and implemented the transition of classroom video conferencing hardware from PolyCom to Zoom Rooms across 3 campuses
- Wrote PowerShell scripts to regulate student and alumni MS Office subscriptions
- Displayed enthusiasm, flexibility, and leadership in a severely understaffed department without any training or onboarding

### Crew Leader (references available)

Marietta, GA

Bruster's Ice Cream, Aug 2014 - Jan 2018

- Responsible for resource management, financial accountability, customer conflict resolution, and leadership of crews up to 8 employees on busy weekend nights
- Trained new employees and represented the store at catering events

## TUTORING / VOLUNTEER EXPERIENCE

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**TutorMe.com, Varsity Tutors:** Statistics, Computer Science, Discrete Mathematics, Calculus I-II (avg rating = 5.0/5.0)

**Supplemental Instruction, KSU:** Calculus II (awarded Rookie of the Semester for highest attendance rate)

**AmeriCorps:** Tutored 15-20 high school dropouts earning their diploma through the Oklahoma AmeriCorps program (2019)

**Meals on Wheels:** Delivered meals to quarantined seniors during the COVID-19 pandemic (2020)

**Ally Learning:** Edited audiobooks that will be provided to blind, dyslexic, and reading-challenged students (2020)