### BRIAN MCGAULEY

**Business Administration: Computer Information Systems**

Fresno, CA

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# EDUCATION

* **California State University, Fresno** Expected May 2025

**Cumulative GPA:** 3.81

* + Bachelor's Degree – Business Administration (Computer Information Systems)
* **Clovis Community College** Jan 2021 — Jul 2023

**Cumulative GPA:** 3.958

* + Associate’s Degree – Information Systems: Networking May 2023
  + Associate’s Degree – Information Systems: Programming for Web May 2023
  + Associate’s Certificate – Cyber Security May 2023
  + Associate‘s Degree for Transfer – Business Administration Jul 2023

**LICENSES & CERTIFICATIONS**

* **Introduction to Packet Tracer** Sep 2021

**EMPLOYMENT HISTORY**

* **Fresno State Student Housing** Aug 2024 - Present

## Web Developer

Led a variety of project-based initiatives & business process enhancements

* + Developed automated analytics platform reducing data entry time by 95%
  + Implemented SEO optimizations improving keyword rankings and site credibility
  + Created digital signage & proxy solutions for campus news distribution
  + Designed & developed statistical analysis framework for website performance optimization & hypothesis testing
  + Led website consolidation efforts using systems analysis methodologies
  + Designed & developed floorplan tracking system to provide visuals for staff and coordinators to evaluate housing needs
* **California State University, Fresno** Jan 2024 – May 2024

## Teaching Assistant

Assisted in a variety of teaching-related tasks. Tasks range from

* + Grade assignments and maintain Canvas rubrics
  + Provide one-on-one student assistance and mentorship
  + Update lecture materials for industry relevance
  + Generate attendance logs and course documentation
* **Chant Newall Development Group, LLC** Nov 2017 — Aug 2021

## Technical Artist

* + Specialized in 3D, 2D, and audio content creation
  + Developed custom shaders and animations for Unity Engine
  + Automated tasks in Blender, Unity, and 3DS Max
  + Engaged in client consultation and design meetings

# VOLUNTEER & ORGANIZATIONS

* **Central Valley Justice Coalition** Aug 2024
  + Developed digital signage for volunteer opportunity awareness
  + Developed printable flyers & tri-fold brochures for volunteer opportunities & human trafficking awareness
* **Alpha Gamma Sigma (ΑΓΣ) Honor Society** Mar 2023
  + Permanent membership established in 2023 prior to graduation
* **Beautify Fresno** 2023
  + Worked with CBO on multiple occasions to assist in city-wide cleanup efforts

**PERSONAL PROJECTS**

* **Imaginarii Home Business** 2023

### Ocean Voyage Collaboration with Professor at Miami Dade 2018

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| --- | --- | --- |
| **SKILLS** | | |
| **Technical** | **Business** | **General Skills** |
| **Frontend**:  React, HTML, CSS, JavaScript, TypeScript, Tailwind CSS, Markdown | **Project Management**: Requirements Gathering, Documentation, Timeline Planning, Budget Evaluation, Managerial Accounting | **Development Tools**:  VS Code, Replit, Cursor AI |
| **Backend**:  Node.js, Express.js, RESTful APIs, CORS/Proxy Servers, Databasing, Apache, XAMPP, SSH, SMB, PHP,  Lua, Flask | **Process Optimization**: Workflow Analysis, Automation Design | **Design Tools**:  Figma, Adobe Creative Suite |
| **Database**:  Firebase, Firestore, SQL, MariaDB, MongoDB, PostgreSQL, Oracle, ERD Modeling | **Cross-functional Collaboration**: Stakeholder Communication, Technical Documentation | **Analytics Platforms**:  Google Analytics, GTMetrix, PageSpeed Insights |
| **Analytics**:  R, Python, Statistical Analysis, Data Visualization (Highcharts, Recharts), Excel | **Business Analysis**:  Cost-Benefit Analysis, Risk Assessment, ROI Evaluation, NPV, ARR, IRR, PI, Capital  Budgeting, Break-Even Analysis | **CMS**:  WordPress (Development & Administration) |
| **Cloud/Deployment**:  Firebase, Firestore, Replit, Serverless Architecture, Static Site Generation | **Marketing Tools**:  Digital Signage Systems, Content Management Systems | **Project Tools**:  Jira, Confluence, Microsoft Office Suite |
| **Version Control**:  Git, GitHub, SourceTree | **Industry Standards**:  Web Accessibility (WCAG), SEO Best Practices | **Operating Systems**:  Windows, Linux, Android, Android SDK |
| **Systems Analysis**:  WND Models, UML (Class, Sequence, & Activity Diagrams), BPR |  |  |
| **Software Engineering**: SDLC Methodologies (Agile, Waterfall, RAD), Jira |  |  |
| **Database Design**:  ERD Modeling, Schema Design, Query Optimization |  |  |
| **Web Architecture**: Component Design, Service  Architecture, API Design, MVC (Model/View/Controller) workflows, Static & Serverless deployment, Cron Jobs, Plugin design (WordPress) |  |  |
| **Performance Analysis**:  Load Testing, Statistical Analysis & Testing, A/B Testing |  |  |
| **SEO Tools**:  Google Analytics, Rank Math, Ahrefs, Search Console |  |  |
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* **Reference details available upon request** .............................................................................................................................