# Chase Brown

## Software Engineer

Fukuoka-shi Hakata-ku, Japan
krazychase.github.io
cabrown.business@gmail.com

## Objective

I am an innovative software engineer who learns quickly and embraces challenges. I seek to obtain a full-time opportunity that will allow me to strengthen my knowledge of software engineering, cybersecurity, and new technologies.

## Skills

- Python
- C++
- JavaScript/TypeScript
- React/Angular
- Ruby On Rails
- SQL/PostgreSQL/NoSQL
- Data analysis and testing
- Project management
- Linux

- Windows
- MS365 Administration
- Git/GitHub
- AWS
- Effective communication
- Technical documentation
- Adaptability/Flexibility
- Conversational Japanese

## Experience

**Davey Japan Co. Ltd., Fukuoka-ken Kasuya-gun, Japan** - *System Engineer*

February 2024 - PRESENT

- Architected, deployed, and maintained website infrastructure utilizing AWS services, including EC2, S3, RDS, and CloudFront, to ensure high availability
- Administered and optimized Microsoft 365 tenant through MS Admin Center, Entra, and Exchange, to enhance organizational productivity and security
- Contributed to full-stack software development, collaborating on both front and backend projects using Angular, TypeScript, Ruby on Rails, and PostgreSQL
- Assisted project management for an overseas development team through GitHub and Asana, facilitating seamless collaboration, version control, and on-time project delivery

**Walker Products Inc.,  Grand Junction CO** - *Software Engineer*

July 2019 - September 2023

- Designed, developed, and maintained automotive testing software from the ground up, using Python, C++, and SQL, ensuring accuracy and reliability for critical testing processes. Increased production rates 100%+
- Engineered compact, secure code for microcontrollers in C/C++, optimizing performance and resource efficiency
- Integrated and deployed software components into hardware test systems using Git, enabling streamlined testing and version control
- Developed specifications and assessed operational feasibility of hardware solutions, aligning technical design with functional requirements
- Oversaw the operation and maintenance of 3D printers and associated software, reducing prototyping cost and increasing precision
- Fostered cross-functional collaboration with engineering and production teams to meet project milestones and achieve unified goals

**NASA Colorado Space Grant Consortium, Grand Junction CO**  - *Intern*

June 2019 - July 2019

- Build and maintain rapid prototyping machines such as 3D printers, CNC machines, and CO2 laser cutters
- Assist in development of JavaScript program to interact with hardware

## Education

**Colorado Mesa University, Grand Junction CO** - *Bachelor of Science in Computer Science*

2018 - 2021

Graduated Magna Cum Laude • 3.91 GPA • Minor in Cybersecurity

## Certifications

**Professional Certification in Cybersecurity** - *Colorado Mesa University*

2021