

# GEOFFREY KNOX

Glasgow, Scotland, United Kingdom · geoffreyknox56@gmail.com · +4407832157579

## EDUCATION

---

**New Mexico Institute of Mining and Technology**  
Bachelor of Science in Computer Science

Socorro, New Mexico, United States  
September 2015 - May 2020

## WORK EXPERIENCE

---

**Tenzinc**  
*Software Engineer*

Glasgow, Scotland, United Kingdom  
December 2021 - Present

- Design and development of backend and frontend infrastructure including multiple microservices and test frontends written in various programming languages along with new product R&D.
- Write unit and functional tests for microservices.
- Full stack development using TypeScript, ReactJS, C#, SQL, and Firebase including Realtime Database, Firestore, Authentication, Messaging, and Storage features.
- Liaise with clients to design and implement specialized applications, using Azure Devops for version control, CI/CD, and project management.

**NVT Group**  
*Software Developer*

Glasgow, Scotland, United Kingdom  
November 2020 - December 2021

- Full stack developer used HTML, CSS, JS, C#, Python, and MSSQL to deliver a nationally deployed risk and case management system supporting the Justice sector.
- Delivered highly complex data migration into live systems ensuring zero downtime for users.
- Managed application testing including liaising with application testers pre-deployment to ensure requirements were well specified and then met.
- Investigated and resolved post-go live bugs reported by users, while reporting back to them in a timely manner.
- Used Azure Devops for version control, CI/CD, and project management.

**GreenThumb Automation**  
*Software Developer*

Albuquerque, New Mexico, United States  
May 2020 - December 2020

- Developed and deployed an application focusing on consumer agricultural technology integration.
- Worked with management and clients to improve app and user experience.
- Rapidly learned how to read Objective-C and improve on HTML, CSS and JavaScript.
- Used Git for version control of the app and uploaded builds onto Google Play.

**TRAX International**  
*Software Engineer Intern*

White Sands Missile Range, New Mexico, United States  
June 2017 - December 2019

- Assisted on multiple projects during undergraduate degree including network engineering and software engineering projects for TRAX Intl. telemetry department and added functionality to internal software tools for secure video file handling and object tracking using C++, Qt, Python, and Java.
- Worked in the Management Information Systems department maintaining web interfaces for the tracking of project spending and assets for the company using a combination of K2 Blackpearl, C#, and T-SQL.
- Participated in sprints and collaborated with full time employees to deliver projects on time.

**New Mexico Institute of Mining and Technology**  
*Webmaster*

Socorro, New Mexico, United States  
March 2016 - January 2018

- Maintained websites for the Office of Student Learning. Wrote and reworked code in HTML, CSS, and Javascript based on requests and user need.
- Implemented quick bugfixes and performed large code refactors for better code reusability and easier deployment.
- Wrote backend services in PHP for managing and showing data on websites.

## SKILLS

---

Languages/Frameworks: C#/C/C++, JavaScript, TypeScript, Python, Java, HTML, CSS, React, SQL  
Tools/Other: Agile, Docker, CI/CD, Git, Azure, Firebase, DigitalOcean, Blender