

GABE SCOTT

SOFTWARE ENGINEER



PROFESSIONAL SUMMARY

As a recent Computer Science graduate and former professional poker player, I bring a unique perspective to my work. My technical experience includes back-end development, cloud computing, GPU/parallel programming, relational database design, web development, LAMP technology stack, and client-server architecture. I am extremely task-oriented and have a strict attention to detail, making me well-suited for a variety of technical roles.

TECHNICAL SKILLS

C++, C, Java, Python, Git, GitHub, Linux, PHP, SQL, R, JavaScript, Node.js, React.js, HTTP, OpenMP, CUDA, Assembly Language, Google Cloud, Microsoft Azure DB, Android Development, Docker Containerization

PROJECTS

Database System, Web Application, and Email Notification Script for Supreme Systems Inc.

- Developed a web application for a NYC logistics firm for easy updating of employee database records by uploading an Excel document; streamlining company record management and improving efficiency. Utilized such technologies as PHP, HTML, CSS, JavaScript, jQuery and MySQL, among others
- Implemented custom user authentication system, file upload/organization to GCS bucket, CSV conversion, automated MySQL database updates, pre-defined query options, automated email notifications, and a public facing “demo” version of the app containing dummy records
- Produced PHP script that runs daily on GCP Compute Engine virtual machine via cronjob and queries MySQL database of records for employees with upcoming birthdays
- Utilized the MailJet API to automate email notifications containing employee information and a reminder to the company manager to send a birthday gift. My work helps to ensure important milestones, such as birthdays, are not overlooked within the company
- [Web Application \(Link\)](#)

“Counting Cards” – A Blackjack Game

- Developed an open source, fully featured educational blackjack game in both C++ and JavaScript for Unix and Windows systems, complete with strategy hints feature, AI multiplayer mode, and a hidden “test mode”
- The game features profit/loss tracking, card counting capabilities, automatic shoe reshuffling, strategy educational material, and more. The hidden test mode allows players to choose their own cards and the dealer's hand, providing a unique way to practice optimal strategy for specific in-game situations
- This game educates players on blackjack rules, card counting strategies, and betting strategies, and comes with thorough documentation and a Makefile for easy compilation
- [GitHub Repository \(Link\)](#)

HTML Marketing emails for Pet-Awesome LLC – An online pet products retailer

- Designed and implemented HTML/CSS marketing email templates for an online pet products retailer, Pet-Awesome LLC, to be sent to social media influencers for the purpose of creating marketing partnerships
- Provided education to company employees on editing HTML/CSS templates, hosting and embedding images, and sending HTML emails. This project successfully increased the company's reach and partnerships through targeted marketing efforts
- [Marketing Email Template \(Link\)](#)

Lost and Found website, database, and Android App for University of Oklahoma

- Designed and implemented Lost and Found website, and Android app for OU students as part of a team
- The fully functional app prototype, hosted on a GCP App Engine instance, utilized technologies such as MySQL, geolocation, image recognition and tagging, system administration logins, and Google Maps integration, and was built using Java, Python, HTML, CSS, and JavaScript
- This project provided a user-friendly platform for OU students to report and locate lost items on campus

Google Cloud Platform Server Setup and Migration of WordPress forum

- Implemented and configured multiple Google Cloud Compute Engine virtual machines and website DNS services for a Las Vegas startup, including an Apache2 HTTP server, to support the startup's online presence
- Configured the open-source forum software, Discourse, running in a Docker container to meet the needs of the business and set up transactional email services
- Imported a MySQL database containing user accounts, posts, attachments, and private messages from the bbPress plugin for WordPress to the forum platform
- This project resulted in the successful migration and setup of a scalable and secure online forum for the startup

Windows Server Network Deployment for Lotus Botanicals LP – A local business

- Deployed a Windows Server network for a small business in OKC, customizing the setup to meet the owner's specifications
- Implemented cloud storage, DNS services, certificate services, security, remote access VPN services, and employee management software to support the business owner and her employees
- This project resulted in a streamlined and secure network setup, helping to scale the business

PROFESSIONAL EXPERIENCE

ENVIRONMENTAL TECHNICIAN

Clearwater Environmental Services; Norman, OK, Oct 2016 – Nov 2017

- Performed groundwater sampling and assisted with site remediation following petroleum contamination
- Conducted surveys of remediation sites and created 2D maps using AutoCAD
- This role involved utilizing technical skills to address environmental issues and ensure regulatory compliance

PROFESSIONAL POKER PLAYER

Self-Employed; 2008 – 2016

- Competed in online and in-person poker games, traveling across the US and internationally to play
- Notable achievement: Winner of the 2012 World Series of Poker event #26, receiving a cash prize of \$361,797 and a gold bracelet, as reported by [The Oklahoman](#) and [ESPN.com](#)
- Utilized strategic thinking and risk assessment skills to excel in the competitive world of professional poker

EDUCATION

UNIVERSITY OF OKLAHOMA, Norman, OK

Bachelor of Science in Computer Science (BS), May 2021

Minor in Mathematics

Computer Science Cumulative GPA: 3.79/4.00

AWARDS

National Merit Scholar – *Recognized for outstanding Academic Record and Well-Rounded Resume*

Toyota Community Scholar – *Honored for academic Excellence, Leadership, and Commitment to Community Service*

Muscogee (Creek) Nation Scholarship – *Awarded for academic Excellence and Leadership*

“Friends of Children” Oklahoma Institute for Child Advocacy – *For founding multicultural outreach program*