STEPHEN PARK
BSA COMPUTER SCIENCE | 2017

Phone *832.370.5690*
Web *www.stephensp.com*
Email *stephenspark@utexas.edu*
Github *www.github.com/ssp0929*

EDUCATION

The University of Texas at Austin
Fall 2013 - Spring 2017 | 3.10 GPA

Major-Relevant Coursework
*Introduction to Programming, Data Structures,
Discrete Mathematics, Linear Algebra,
Introduction to Probability and Statistics,
Computer Architecture, Operating Systems,
PHP and SQL, Compilers, Computer Networks,
Algorithms and Complexity, Intro to Wireless Networks,
Computational Brain*

Business Foundations Program (BFP) Coursework
*Foundations of Accounting
Foundations of Finance
Foundations of IT Management
Foundations of Business Law and Ethics
Foundations of Management and Organization Behavior
Foundations of Marketing*

SKILLS

Proficient
Java, JavaScript, C

Experienced
Git, Linux, Atom, VS Code, Visual Studio,
HTML, CSS, C++, Python, JSON, Heroku

Used
PHP, MySQL, Angular, Node.js, React.js, Vue.js

PROJECTS

Personal Website (HTML, CSS)
Created a personal website using HTML and CSS from scratch to showcase my resume, revelent contact links, github, and other career-relevent information for recruiters and hiring managers. Website is hosted on Github pages, domain is registered on Namecheap.com, and Cloudflare is utilized for metrics, caching, and security.

Auction Website (HTML, CSS, PHP, MySQL)
Class project aimed to simulate a real client website design workflow, with simulated client interaction and feedback in between sprints. Front end was built using HTML and CSS. Back end was built using MySQL and PHP. Website was hosted on an Apache server run by UTCS IT services. I am currently in the process of re-deploying the app on Heroku and refactoring the front end as a ReactJS application as well as converting the database from MySQL to PostgresQL to better integrate with Heroku.

Limited Pascal Compiler (C)
Project for Compilers class. Compiles a limited subset of the Pascal codebase. Implemented part of a lexical analyzer, parser, and code generator. Several tools were used in the process including: YACC/Bison and Lex. The compiler is able to compile a limited subset of Pascal's codebase.

Discord Bot (Python)
Created a python-based bot that interacts with users in a given discord group. The bot periodically makes an API call to a REST API, parses the JSON data, and allows users to make queries on that data. Additionally, the bot also has other commands that users can call. The bot is hosted on Heroku and is designed to have 24/7 uptime, with periodic restarts every 24 hours.

Please check my github for other projects.