

# STEPHEN PARK

BSA COMPUTER SCIENCE | 2017

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## 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 (ES6), C

### Experienced

HTML5, CSS3, C++, Python, Node.js, React,  
Express, PostgreSQL, Git, Bash, Axios

### Used

PHP, Angular, MySQL, Vue

### Technologies

Git, Linux, Windows, Heroku, Google Cloud  
Platform, AWS, Webpack, Babel, npm, yarn,  
pip

## PROJECTS

### 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 a university Apache server.

### React Auction Web Application (HTML, CSS, JavaScript, React, Node.js, Axios, Express, PostgreSQL)

Refactored my LAMP stack auction website using a more modern tech stack and designed it to operate as a single page application. React was the framework used for the front end, Axios was used to create a middleware service to handle all API/HTTP requests in the web app. Node/Express/PostgreSQL were used to build the back end. Website is currently deployed on Heroku.

### 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.

### Discord Bot (Python)

Created a python-based bot that interacts with users in a 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 be running 24/7, with periodic restarts every 24 hours.

*Please check my github for other projects.*