

Contact



vikas.peraka@gmail.com



214-600-1478

Links



<https://github.com/vikas456>



<https://www.linkedin.com/in/vikas-peraka-96630b133/>



www.vikasperaka.com

Course Work

Data Structures •
Java Programming •
Logical Thought •
Computer Architecture •
OS • Compilers •
Algorithms • Data Mining

Activities

• CS Ambassadors
• UT Developers Club
• Mobile App Development (Android, IOS)
• Hackathons: HackTX, MusicHacks

Proficient Skills

Java • C • React.js •
Python • HTML/CSS •
lex/yacc • Javascript •
Agile/Scrum •
Android/IOS
Development

Basic Proficiency

SQL • Google Firebase •
XML • Swift • JQuery •
Bootstrap

U.S. Citizen

Vikas Peraka

Education

University of Texas at Austin

B.S. Computer Science, Business Minor

2016 - 2020

Plano West Senior High School

Advanced to the state level in SQL and Excel in Business Professionals of America

2014 - 2016

Experience

HomeAway (Subsidiary of Expedia) Austin, TX

May 2018 - Aug 2018

Software Engineer Intern

Worked in the HomeAway Secure Communications Team

Projects: (All tools are deployed and in use)

- Fraud Detection (Redaction) Service: UI tool (Java, React.js)
- Notification-Sender-Gateway: Developed endpoint that downloads emails from AWS (Java)
- JSON/HTML Display UI Tool: Renders HTML responses from Notification-Sender-Gateway (React.js)
- Okta Integration: Implemented Single Sign-on Okta Integration into HomeAway's applications. Wrote documentation to be used by all employees. (React.js)
- Enhancements to Fraud (Redaction) Gateway Service message response body. (React.js)

Ciber Inc. Plano, TX

Jun 2015 - Sept 2015

Summer Intern

- Presented a new marketing strategy to the board of directors, C-level executives, and the Mayor of Plano (Group Project)
- Achieved recommendation letter from the Mayor of Plano
- Assisted with IT support within the local office

Projects

Redraft

Jun 2018 - Aug 2018

- Web application that shows how well each NFL draft pick over the last ten years fared based on fantasy points. (HTML, CSS, React.js)
- User can select the year, original draft order or the redraft order, and click on a player to see their stats and information.
- Data presented in a table, scatterplot, and bar chart based on different variables.

Pascal Compiler

Jan 2018 - May 2018

- Implemented a compiler for Pascal as part of coursework. (C, lex, yacc)
- Includes implementations of a lexical analyzer, parser, and code generator.

Pintos Operating System

Jan 2018 - May 2018

- Implemented functionalities of an Operating System including multi-threading, userprogram system calls, virtual memory and a file system. (C)
- Coursework project that took over 2000 lines of code.

Soccer Simulator

Nov 2017 - Jan 2018

- Implemented a Web application that manages substitutions for a seven player soccer team based on offensive and defensive schemes (HTML, CSS, Javascript)
- Takes into account user skill level and position

Outcomes

Jul 2017 - Aug 2017

- Implemented an Android application that teaches users the legal consequences for different illegal activities (Java, Android Studio)
- Currently on the Google Play Store

Tower Titans

Apr 2016 - Jun 2016

- Implemented the user interface for a Java-based game in which the user stacks blocks on top of one another in a timely manner (Java)
- Assisted in the creation of graphics for background panels