

PRANAV PUNJABI

OBJECTIVE Obtain a full-time position in the field of Software Engineering.

SKILLS & ABILITIES

Languages: Java, C, C++, JavaScript, HTML, CSS, NodeJS, AngularJS, ASP.NET, Python

Platforms: Android, Windows, Linux, Unix

Other: Android Dev, JQuery, Git/Github, MongoDB, Neo4j DB, Facebook-Parse API

EXPERIENCE

BACKEND ENGINEER INTERN @ IT APPLICATION SERVICES

MAY 2015 – PRESENT

- ❖ Handled the backend programming for multiple Purdue websites.
- ❖ Implemented functionality of various server side scripts.

TEACHING ASSISTANT for CS 240 (C PROGRAMMING)

JANUARY 2015 – MAY 2015

- ❖ Assisted students in their projects and programming homework.

SUPPLEMENTAL INSTRUCTOR for CS (Java)

AUGUST 2014 – MAY 2015

- ❖ Facilitated student learning to help them better understand concepts or applications of course content by involving them in interactive assignments and program demos.

PROJECTS

PROJECT INFINITY @ HACK ILLINOIS (INTEL CATEGORY 1st POSITION)

SPRING 2016

- ❖ Created a HTML5 bike racing game deployed on INTEL® Edison using Django server.
- ❖ Configured the game to be played by an external accelerometer connected to Edison.
- ❖ Allowed multiple instances for game screening to ease scaling the game to multiplayer.

WINDWARD CODE WARS (NATIONAL LEVEL QUALIFIERS)

SPRING 2016

- ❖ Developed an AI bot in Java to play the strategy board game 'Acquire'.
- ❖ Designed algorithm to create and buy stocks in 7 virtual companies to earn the best profits.
- ❖ Qualified for the nationals to compete against the best bots in the country.

THINK TANK @ MHACKS 6

FALL 2015

- ❖ Created an online debating platform with a mission to **encourage civic engagement** and **critical thinking among the youth** in areas to social, economic and political importance.
- ❖ Made efficient use of **Facebook's Parse API** to handle the backend.

SOFTWARE ENGINEERING TEAM PROJECT

SPRING 2015

- ❖ Led an open source Android application project.
- ❖ Developed a Location Aware - Tutor Matching Platform to aid students worldwide.
- ❖ Implemented **Agile** methodologies in general and specifically **Scrum**.

STOCK MARKET DASHBOARD @ YALE HACKATHON (BLOOMBERG CATEGORY 1st POSITION)

FALL 2014

- ❖ Developed a dashboard web application to provide stock analytics and trends.
- ❖ Used **Bloomberg API** (pull stock and company information from Bloomberg server), **Big Charts API** (draw stock trends) and **SNTMNT** (sentiment analysis to predict the stock future trends).

CREDIT CARD FRAUD DETECTION PROGRAM IN C

SPRING 2014

- ❖ Made a C program to detect credit card fraud cases.
- ❖ Worked on the basis of calculating entropy and constructing matrices and trees of data.
- ❖ Used Random Forest Algorithm and confusion matrices to check for validity of data.

PROJECT SAFEWALK ANDROID APPLICATION

FALL 2013

- ❖ Developed an android application for Purdue Police Department's SafeWalk program.
- ❖ Applied the concept of threads to run multiple clients on a server at a time in Java.

EDUCATION

PURDUE UNIVERSITY, WEST LAFAYETTE, IN

Bachelor of Science in Computer Science

Minor in Entrepreneurship and Innovation

Dean's List and Semester Honors: Fall 2013

Scholarship Recipient for Academic Performance 2013-2014

May 2017

LEADERSHIP/ VOLUNTEER EXPERIENCE

STUDENT THINK TANK FOR INDIA – BOARD COMMITTEE

FALL 2014 - PRESENT

PURDUE HACKERS CLUB MEMBER

FALL 2013 - PRESENT

PURDUE SPACE DAY

FALL 2013