


Kavi Ravuri

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 kavi-ravuri

OBJECTIVE

Seeking a Software internship for Summer of 2018.

EDUCATION

University of Illinois at Urbana-Champaign - *Computer Science + Statistics*

Champaign, IL

August 2017 - May 2021

Relevant Coursework: Discrete Structures, Software Design, Introduction to Computer Science(+Java-programming), Data analysis and Statistical Review(+R-programming), Computer Science Freshman Honors(+Python), Multivariable Calculus

Projected coursework: Computer Architecture, Data Structures, Linear Algebra

EXPERIENCE

Plumdrop - *Software Development Intern*

New York City, NY

June 2018 - PRESENT

- Develop a customer analysis application to give feedback to major brands
- Initiate a corporate customer web-backend for large groups utilizing DB development

CS 125: Intro To Computer Science - *Course Assistant*

Champaign, IL

January 2018 - PRESENT

- Assist in weekly 2-hour Even More Practice sessions
- Aid and help facilitate in weekly lab sections and help students in office hours
- Judge mobile app development competitions

HackIllinois - *Outreach Staff*

Champaign, IL

September 2017 - PRESENT

- Aid the growth of the open source community through various events
- Contact and communicate with hundreds of companies interested in our events

ADSA Projects

Champaign, IL

- A special interest group under ACM Illinois specialized in Data Science and Analytics
- Member of projects committee

TECHNICAL SKILLS

Java Programming, C++, R-programming, Python (+Numpys, Pandas, Flask(beginner)), GoLang, IntelliJ, OpenGL, OpenFrameworks, FireBase, JavaScript, Node.js, Angular.js, JUnits, CURL, CATCH, HTML, GIT

PROJECTS

StocKey

- An openFrameworks integrated application utilizing the Alphavantage API to get stock data given the ticker and computing basic data visualization
- Additionally utilizing an ARIMA based data prediction library, the program predicts the price as well as general long term and short term trend of a given stock

BoilerMake: XCram

- A 7-day study plan designed to remove the procrastination and cram element in every student's studying habits
- used a MongoDB data cluster connected to a local server we ran in order to connect the user information to the Android application through backend OKHTTPS requests

Devpost Link: <https://devpost.com/software/x-cram>

BackBeat

- A new take on metronomes using Essentia's python open source library to better visualize and facilitate an understanding for the musician about their recording
- Used Essentia's framework in order to first differentiate a measure of music

GitHub Link: <https://github.com/CS196Illinois/backbeat>

HomEats

- A web application that connects local home cooks to hungry individuals
- Utilizing the Google maps web API, we created a user interface through React.js and retain user information we connected our project to FireBase.

GitHub Link: <https://github.com/k-ravuri/home-eats>

Pac-Man Chutes and Ladders

- Utilizing Processing, the game combined the ladders and chutes from Chutes and Ladders and the ghosts from Pac-Man
- Created the web accessible leaderboard using JavaScript, HTML and FireBase, connected directly to the processing game.