

VIVEK BHOOKYA

vbhook2@illinois.edu | github.com/mrvivacious | mrvivacio.us

EDUCATION

BS IN COMPUTER SCIENCE AND ASTRONOMY | UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN | MAY 2020

Coursework:

CS125 Introduction to computer science, CS126 Software design studio, CS173 Discrete structures, CS196 Freshman honors, CS199 Applied cloud computing, CS225 Data structures, CS233 Computer architecture

Skills:

Programming: Java • Python • C++ • HTML • CSS • JS • JQuery • Map-Reduce • API • Great commenting and code design

Frameworks: Amazon Alexa • Android Studio • Hadoop • SVN • Git • Autodesk Inventor • iMovie • Photoshop

EXPERIENCE

STATE FARM | SYSTEMS/IT INTERN | JAN 2018 – MAY 2018 | URBANA, IL

Systems engineer internship at State Farm's Research and Development Center

ATLAS | MOBILE DEV TEAM LEAD | SEPT 2017 – DEC 2017 | URBANA, IL

Worked in a team to resolve issues and add improvements to the UIUC's primary academic app in JS

Contributed directly to the Moodle codebase and communicated with the authors of Moodle

CLOUDQUEST TECHNOLOGIES, LLC | FREELANCE DEVELOPER | MAY 2014 - AUG 2017 | BLOOMINGTON, IL

Designed and wrote websites and applications based on clients' needs

Products include an Android app to facilitate the forming of study groups at large universities as well as a "storybook" website

UNIVERSITY OF ILLINOIS | OPTOGENETICS RESEARCH TEAM MEMBER | DEC 2016 - MAR 2017 | URBANA, IL

Used an arduino and C++ to demonstrate how light elicits specific responses within the brain

Won third in Discoveries in Engineering (school prize) and Illuminating New Horizons (sponsor prize)

ILLINOIS STATE UNIVERSITY | RESEARCH ASSISTANT | JUN 2014 – AUG 2016 | NORMAL, IL

Used C++ to simulate, analyze, and organize data points of particle behavior when exposed to dark matter

PROJECTS

BABY WORDS | AMAZON ALEXA SKILL

Winter 2018 | JS • AWS Lambda

Teaches children vocabulary through quizzes

Stochastic AI interacts with children beyond "Correct/Incorrect"

MRVIVACIO.US | PERSONAL WEBSITE

Summer 2017 | HTML • CSS

Personal website and blog from scratch

View more experiences and projects than I can put on here

Take a look at my blog and let me give you something to think about

LIKEFREE | CHROME EXTENSION

Fall 2017 | JS • JQuery • HTML

Hides likes on the web versions of Facebook and Instagram

Helps disassociate the value of content with "likes" received

I-L-L SCHOOL SPIRIT | MOBILE APPLICATION

Spring 2017 | Android • Firebase Database • Java

Have school spirit? See how many times people have "cheered" for UIUC, and notify them when you cheer

Features Firebase database, user authentication, and notifications

LEADERSHIP

ISR TALKS | CO-FOUNDER

I lead a weekly spiritual exploration program meant to encourage greater tolerance and acceptance

IRON FRIENDS | CO-FOUNDER

Co-founded and led an all - inclusive support group program for high school students

EXTRACURRICULARS

2018 Peer&Career Social Chair

2017 Peer&Career Event Planner and Student Mentor

2017 Outreach Staff for Reflections Projections (Annual Tech Conference)

2016 Floor Lovers Bboy Club Board Intern

I love building things with code so much I coded my resume.

Let's build together. vbhook2@illinois.edu.