

VIVEK BHOOKYA

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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, ASTR496 Computing in astronomy

Skills:

Programming: Java • Python • C++/C# • HTML/CSS/JS • JQuery • AWS Lambda, SNS • Chrome API • Supreme documentation
Technologies: Amazon Alexa • Android Studio • Hadoop • Jupyter Notebook • SVN • Git • Autodesk Inventor • iMovie

EXPERIENCE

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

I used C# to create and implement a secure input handler for a State Farm application that allows information lookup for the IDs inputted. Furthermore, I used Checkmarx tests to properly secure my work.

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 2017 - 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)

PROJECTS

PORNO! | CHROME EXTENSION

Spring 2018 | Firestore • Chrome API • JS/HTML/CSS

Counters porn addiction by redirecting users from porn sites to meaningful and inspiring user-submitted links

Features real-time updates to my homemade porn-detection algorithm and synchronized cloud support for the redirect links

SHARE LOVE | AMAZON ALEXA SKILL

Spring 2018 | JS • AWS Lambda • AWS SNS

Skill that makes it easy and fast to text my loved ones a positive message whenever I think about them, all with one sentence

Tutorial is on my Github – build this for yourself :)

BABY WORDS | AMAZON ALEXA SKILL

Winter 2018 | JS • AWS Lambda

Teaches children vocabulary through quizzes

Stochastic AI interacts with children beyond "Correct/Incorrect"

LIKEFREE | CHROME EXTENSION

Fall 2017 | JS/HTML/CSS • JQuery

Hides likes on the web versions of Facebook and Instagram

Helps disassociate the value of content with "likes" received

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 Hindu YUVA Vice president

2018 Peer&Career Social chair

Let's build together.