

# 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 astrophysics

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.