

Aadil Bhatti

1737 Primrose Ln, Glenview, IL, 60026

☎ 1 (847) 363-0768 • ✉ abhatti2@illinois.edu • 🔗 linkedin.com/in/aadilbhatti

Education

University of Illinois at Urbana-Champaign

Mathematics & Computer Science, Minor in Chemistry

GPA: 3.31

Champaign, IL

Expected May 2017

Computer Skills

- **Languages:** Java, Python, C++, C, Haskell, Ruby, MATLAB
- **Web Development:** HTML, CSS, JavaScript, Django, Ruby on Rails, Node, React, jQuery, D3
- **Mobile Development:** Android (Java, Android Studio), iOS (Swift, XCode)
- **Other Tools:** Git/GitHub, Amazon Web Services (EC2, S3, DynamoDB, Lambda), Arduino, Alexa Skills Kit (Amazon Echo)

Work Experience

University of Illinois

Undergraduate Teaching Assistant - CS 241

Champaign, IL

August 2016–Present

- Course assistant for undergraduate System Programming course
- Developing programming assignments for students as well as course software infrastructure such as testing, continuous integration, and autograding of assignments

Capital One

Software Engineering Intern, Information Security & Risk Management (ISRM)

Champaign, IL

May 2016–August 2016

- Worked with ISRM on mobile authentication project
- Goal was to build a SDK for iOS/Android apps which generates persistent Device ID for each user & associates with username / password
- Used to match devices with particular users; part of “something you have” factor of authentication

Capital One

Software Engineering Intern, Cloud Migration Strategy

Champaign, IL

February 2016–May 2016

- Examined utility of Juju Charms service orchestration tool and potential uses within Capital One
- Goal was to determine if Juju is feasible tool for deploying applications to Amazon Web Services without needing extensive background knowledge of AWS
- Built simple web application in Django and deployed with Juju to illustrate how tool works and how to use

Projects

Linux in the Browser (under Prof. Lawrence Angrave)

- In-browser System Programming environment including C compiler & terminal
- Goal 1: Make C compiler / terminal more portable for developers to use
- Goal 2: Develop Jupyter-like frontend as use case of environment
- Built with **Node.js**, **Knockout.js**, **Jor1k**

Chimr

- “Smart” doorbell which alerts homeowner via SMS that someone is at door
- Won **Best Use of Twilio API** at WildHacks 2015
- Use cases include notifying parents to let them know children home from school
- Built with **Arduino**, **Python/Flask**, **Twilio API**

Rapsheet

- Full-stack web app to track & analyze Twitter sentiment about Spotify albums
- Goal to search for trends between Twitter user opinions & album popularity
- Built with **Python/Django**, **Spotify API**, **Alchemy API**, and **D3.js**