

Aadil Bhatti

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EDUCATION **University of Illinois at Urbana-Champaign**, Urbana-Champaign, IL
Bachelor of Science, Mathematics and Computer Science, May 2017 GPA: 3.31
Minor in Chemistry

Courses: Data Structures, Computer Architecture, System Programming, Algorithms & Models of Computation, Numerical Methods, Programming Languages & Compilers

COMPUTER SKILLS **Languages:** Java, Python, C++, C, Haskell, Ruby, MATLAB
Web Development: HTML, CSS, JavaScript, Django, Ruby on Rails, SQL, Node, React, Meteor, jQuery, Knockout, 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)

EXPERIENCE **Software Engineering Intern** **Capital One**
February 2016 - Present Urbana-Champaign, IL
Examined the utility of the Juju Charms service orchestration tool and its potential use within Capital One. Goal was to determine if Juju is a feasible tool for deploying applications to Amazon Web Services without needing extensive background knowledge as to how AWS works. Built simple web application in Django and deployed with Juju to illustrate how tool works and how to use it.

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**, **jQuery**

Chimr:

- “Smart” doorbell which alerts homeowner via SMS that someone is at door
- Won **Best Use of Twilio API**
- 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**