

YASMEEN ROUMIE

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EDUCATION

STUYVESANT HS

New York, NY

June 2016

COURSEWORK

INTRO CS I + II

Scheme, Netlogo, Python

Functional Programming

AP COMPUTER SCIENCE

Java

Data Structures, Algorithms

SOFTWARE DEVELOPMENT

SQL + NoSQL Databases

Python, Flask, Javascript

SKILLS

BACKEND

Python, Java, C, Flask

SQLite, MySQL, MongoDB

Google, Facebook, IBM Watson APIs

FRONTEND

HTML/CSS

Javascript, jQuery

Bootstrap, Wordpress

OTHER

Digital Ocean, Github

OSX, Linux

Terminal, Atom

AWARDS

Dream It. Code It. Win It.

Microsoft Award

NCWIT Aspirations in Computing

National Runner Up

Bloomberg

Affiliate Award

EXPERIENCE

NASA, INTEGRATION ENGINEERING INTERN

Merriett Island, FL | Summer 2015

- Built a Confluence wiki pilot for several divisions within the Launch services Program to redesign their workflow.
- Administered a centerwide collaboration event to collect information on center processes and capabilities.
- Coauthored “**A Process for Capturing the Art of Systems Engineering**” and was invited to speak at the 2016 INCOSE Conference in Scotland.

PROJECTS

SPOCKIFY – WEB APP

HackNYU | February 2016

- Acquired messages with Facebook API and emails with Gmail API and performed sentiment analysis on them with IBM Watson API.
 - Implemented short- and long-term communication assistance to help emotionally-impaired users understand underlying emotions and meanings in messages and respond accordingly.
 - Backend written in Python and Flask, used Bootstrap for frontend.
- (<https://github.com/Spockify/spockify>)

KONTEXT – ANDROID APP

PennApps XIII | January 2016

- Built the backend of Kontext, a natural language text processing app that overlays Android operating system and provides context on any piece of copied text.
 - Used Python to manipulate AlchemyAPI to extract keywords, inputted into various other APIs (Twitter, Houndify) to return relevant information. Runs on Flask server.
- (<http://devpost.com/software/kontext>)

BLOGINATOR – WEB APP

Software Development | October 2015

- Conceptualized blogging website and led a team of five to develop the backend in Python, Flask, and SQL, along with the frontend written in HTML and CSS.
 - Created encrypted login and registration, stored user information and blog posts in SQL database.
- (<https://github.com/y4smeen/bloginator>)

ON THE ROAD – WEB APP

HackMann | June 2015

- Developed a trip-planning website, On the Road, implementing the Google Maps API to track waypoints and the Google Calendar API to schedule events.
- Backend built in Python and used SQLAlchemy to make a secure login and registration system.
- Created a database of events so that any user can create an event, and when someone plans out their trip, they will be able to attend any public event and meet other users.