

SYEDA KAZMI-SHAH

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EDUCATION

John Jay College of Criminal Justice, GPA: 3.66

Graduation Date: Dec 2018

Bachelor of Science, Computer Science and Information Security

Awards/Fellowship: WiTNY Scholar, Dean's list, EmpireConf Diversity Scholarship, NYS Scholarship for Academic Excellence, Rewriting the Code Fellowship

Relevant Courses: Object Oriented Programming, Personal Software Engineering, Graphics and Interface Programming, Analysis of Algorithms, Computer Networking, Databases and Data Mining, Advanced Data Structures

TECHNICAL SKILLS

- **Programming:** C/C++, Java, Python, Django, Perl, JavaScript, Swift, HTML/CSS, Bootstrap, React, Express
 - **Development Tools/Software:** Eclipse, Visual Studio, Xcode, Android Studio, Git, SVN, MS Office, Adobe Photoshop, Oracle/MySQL
 - **Operating Systems:** Windows 7/8/10, Mac OS X, Unix/Linux, Android, iOS
 - **Certifications:** CompTIA Network + (2014), Microsoft Technology Associate: Security (2014)
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PROJECTS

Block chain Infrastructure, *Faculty Mentored Research* [Team of 3]

February 2018 – Present

- Develop infrastructure for storing health records or chain of custody information
- Conduct block chain research under the guidance of the faculty member teaching the course

Full Stack Web, *JustDesserts* [Team of 3]

September 2017 – Present

- A responsive social media platform that is a bridge for not only people who love desserts but also for people who are lactose intolerant and have dietary restrictions
- Main technologies of utilization include JavaScript, Express, Bootstrap, SQL, Node, and React

Lead Developer/Startup, *PREVUE* [Team of 6]

September 2017 – Present

- A recruitment platform that uses videos to accelerate the hiring process for both individuals and companies
- Utilizing Python, Django, SQL, HTML/CSS, Asana, Agile/Lean methodologies, Slack

iOS Full Stack, *YesReady!* [Team of 6]

September 2017 – January 2018

- Designed to connect people who need help with basic services with service providers
- Developing iOS app, as team scrum master, using Firebase, Google location API, Swift, and Stripe API

Backend Developer, *NewLeaf* [Team of 2]

November 2017

- Hackathon-made application designed to allow incarcerated youth to have a chance to pursue a career
- Used Django, Python, HTML/CSS, bootstrap and SQLite

Database Design, *Hospital Database*

January 2017 – May 2017

- Designed a database step by step starting with an ERD diagram and relational schema
- Normalized database and implemented relational schema and data onto MySQL

Backend Developer, *HealthNet* [Team of 4]

August 2016 – December 2016

- Created a way to manage employees and statistical data for a hospital (ex: making appointments)
- Used Django, Python, SQLite, HTML/CSS, bootstrap, fullcalendar.io, Trello

Graphical User Interface, *MS Word, Paint, and Calculator*

May 2015

- Recreated a simple GUI version of MS Paint, Word editor, and a Calculator program using Java Swing
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WORK EXPERIENCE

Software Developer Intern, Tailored Industry

March 2018 – Present

- Fashion supply chain with on-demand manufacturing and 3D knitting, eliminating centralized inventory
- Using Ruby on Rails, ReactJS, MySQL, WooCommerce and Shopify API

Python Tutor, John Jay College

March 2018 – Present

- Tutor Python students twice a week in and outside of class from introductory to advanced topics presented

Computer Science Tutor, John Jay College

February 2018 – Present

- Tutor in Object Oriented Programming, Databases, and Advanced Data Structures and Algorithms, Databases and Data Mining, Computer Networking, and Programming in Linux

Software Developer, CUNY Tech Prep

August 2017 – Present

- Competitive full stack JavaScript program that prepares students for careers in software engineering
- Learn in-demand technologies like React, Node + Express, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile & Scrum with Trello and Slack, test driven development, and CI/CD

iOS Full Stack Developer, CUNYCodes

September 2017 – January 2018

- An applied coding and agile team development program where participants form teams and build real-world solutions from concept to delivery using tools/practices expected and used in industry
- No hand-holding, no lectures on theories - straight team development and code