Pierre Shum

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Education

2016-2020	**BSc in Computer Science,** Illinois Institute of Technology	Chicago, IL

Recipient of SciTec Scholarship 2016-present
Dean's List (Fall 2016)

Related Coursework

Data Structures and Algorithms, Data Mining, Database Organization, Introduction to Information Security, Software Engineering, Mobile Application Development.

Skills

Programming Languages
- Proficient in: Java, Python
- Other Languages: C, R, Haskell, HTML, CSS, SQL

Computer Skills

MySQL, RStudio, Eclipse, Jupyter Notebook, Android Studio

Projects

2019 **Stock Watch**, Mobile Application Development, Illinois Tech
Language: Java
- Developed a mobile application that allowed users to display a list of selected stock with their names, current price, daily price change amount and price change percentage.
- A full set of supported stock data is downloaded and stored on the device's SQLite Database. API calls were made after registering with an IEX site to download financial data for a specific stock.

2019-present **Hacking in practice: Certified Ethical Hacking Mega Course**, Cyber Security
- Discovered techniques used by cyber criminals that can be used ethically to protect computer systems and personal information.

2018 **Warehouse Management System**, Database Organization Project, Illinois Tech
Language: SQL
- Developed a database system for a warehouse that managed records of inventory, updated it and provided different levels of security for users.

2016 **CTA Train Application**, Object Oriented Programming Project, Illinois Tech
Language: Java
- Created software that allowed users to access information on train stations, generate a route from a starting station to a destination, and find the nearest station to a location.

Experience

Community Desk Assistant Chicago, IL
Illinois Tech (03/19-present)
- Worked with approximately 100 student leaders to provide security, customer service and emergency response while collaborating with residents to create a welcoming community on campus.

Marketing/Social Media Manager Kingston, Jamaica
Dragon Palace (05/17-08/18)
- Directed and coordinated marketing activities and policies to promote products and services.
- Created and managed social media accounts to increase reach and promote products.

Personal

- Association for Computing Machinery (ACM) – Active member
- Pi Kappa Phi – Alpha Phi: Active Member (2017-2019) and Part of Historian Committee (2018)
- Intramural Soccer League Participant (2018-Present)
- Community Service – Participant of "The Ability Experience" (2017-2019)
- Recipient of first place prize in country for Caribbean Advanced Proficiency Examination: Digital Media, Unit 2