Shania Kiat

Philadelphia, PA | 570-878-4393 | kiat.shania@gmail.com
https://www.linkedin.com/in/shania-kiat/ | https://github.com/shaniakiat

EDUCATION

La Salle University	Philadelphia, PA
Bachelor of Science	Anticipated Graduation: May 2021

Computer Science (3.92) | Mathematics (3.49) | Cumulative GPA (3.75/4.0)

RELEVANT COURSES

Object Oriented Programming	Database Management	Multivariable Calculus
Data Structures and Algorithms	Prob and Stat I	Software Engineering
Theory of Algorithms	Computer Architecture	Project Implementation
Language Theory	Differential Equations	Complex Variables

EXPERIENCE

Tegra Analytics, LLC.	Philadelphia, PA
Predictive Analytics Intern	Summer 2019

- Performed exploratory data analysis for over one thousand and PD products to prepare for predictive modeling
- Implemented different machine learning algorithms to target new customer bases for various pharmaceutical products.
- <u>Utilized</u>: Python, Jupyter Notebook

La Salle Mathematics and Computer Science Department	Philadelphia, PA
Undergraduate Student Researcher	Summer 2019

- Conducted research with Dr. Timothy Highley to determine the hardness of the tropical exchange problem where each person can bring multiple items to the trading venue.

La Salle Mathematics and Computer Science Department	Philadelphia, PA
Mathematics Tutor	2018 – 2019

- Tutored La Salle's undergraduate students in college algebra, pre-calculus, and calculus I.

PROJECTS

shaniakiat.dev	Summer 2019

- Developed and designed a portfolio site using Gatsby to showcase my skills and past work
- <u>Utilized</u>: React, GatsbyJS, Netlify

Gratis (Major League Hacking's Hack WCU Hackathon)	March 2019

- Developed a web application using MERN stack that aims to provide a platform that connects businesses (restaurants/cafeterias) that have surplus food and shelters to provide a solution to the hunger problem in Philadelphia.
- <u>Utilized</u>: MongoDB, Express.js, React, Node.js

AWARDS

Placed 2nd in the ACM-ICPC Mid-Atlantic Regional 2019 Programming Competition at Washington College	(Fall 2019)
IT Leadership Award from La Salle University Computer Science Advisory Board	(Fall 2019)
Member of Upsilon Pi Epsilon Computer Science Honors Society	(Spring 2019)
1st Place Winner of Major League Hacking's Hack WCU Hackathon 2019	(Spring 2019)
National Science Foundation Scholarship	(Spring 2018)
Founder's Scholarship	(Fall 2017)

TECHNICAL SKILLS

Programming Languages: Java, HTML, JavaScript (Gatsby and React), Python
Development Tools: IntelliJ IDEA CE, Visual Studio Code, Android Studio, NetBeans, Eclipse, Git, Adobe Illustrator, Adobe Photoshop, Adobe inDesign, Jupyter Notebook
Database and Other Tools: mySQL, AWS

ACTIVITIES

La Salle University Women in Science Club	*2018 – Present*
Mathematical Assoc. of America at La Salle University	*2018 – Present*

- *Secretary and Public Relations*

PERMIAS (Indonesian Student Association in the United States) in Philadelphia	*2018 – 2019*

- *Creative Director*

Association for Computing Machinery	*2017 – Present*
La Salle University Programming Team	*2017 – Present*