Shania Kiat

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EDUCATION

La Salle University   Philadelphia, PA
Bachelor of Science   Anticipated Graduation: May 2021
Computer Science (4.0) | Mathematics (3.86) | Cumulative GPA (3.87/4.0)

RELEVANT COURSES

Object Oriented Programming	Database Management	Multivariable Calculus
Data Structures and Algorithms	Prob and Stat I	Linear Algebra
Foundations of Math	General Physics I	Digital Computer Electronics
Theory of Algorithms	Computer Architecture	Complex Variables

EXPERIENCE

Tegra Analytics, LLC.   Philadelphia, PA
Predictive Analytics Intern   Summer 2019
- Perform exploratory data analysis to maximize post engagements of the data
- Utilized: Python, Anaconda, Jupyter Notebook

La Salle Mathematics and Computer Science Department   Philadelphia, PA
Undergraduate Student Researcher   Summer 2019
- Conduct 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.
- Utilized: IBM CPLEX

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.
- Assisted students individually or in small groups to enhance their math skills.

PROJECTS

Gratis (Major League Hacking's Hack WCU Hackathon)   March 2019
- Develop 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.
- Utilized: MongoDB, Express.js, React, Node.js

Autodidact (Nonprofit Organization at La Salle University)   2017 – 2018
- Created a keyboard-typing game for Android phone.
- Utilized: Java, Android Studio

AWARDS

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, MySQL, Python
Frameworks: React JS, Node JS
Development Tools: IntelliJ IDEA CE, Visual Studio Code, Android Studio, NetBeans, Eclipse, Git, Adobe Illustrator, Adobe Photoshop, Adobe inDesign, Jupyter Notebook, IBM CPLEX
Operating Systems: Windows, macOS
Database and Other Tools: mySQL, AWS, Wireshark, Mathematica

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*