

Shania Kiat

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EDUCATION

La Salle University

Bachelor of Science

Computer Science (4.0) | Mathematics (3.86) | Cumulative GPA (3.87/4.0)

Philadelphia, PA

Anticipated Graduation: May 2021

RELEVANT COURSES

Object Oriented Programming
Data Structures and Algorithms
Theory of Algorithms

Database Management
Prob and Stat I
Computer Architecture

Multivariable Calculus
Software Engineering
Complex Variables

EXPERIENCE

Tegra Analytics, LLC.

Predictive Analytics Intern

Philadelphia, PA

Summer 2019

- Performed exploratory data analysis for over thousands of doctors and PD products to prepare for predictive modeling
- Implemented different machine learning algorithms to target new customer bases for various pharmaceutical products.
- Utilized: Python, Anaconda, Jupyter Notebook

La Salle Mathematics and Computer Science Department

Undergraduate Student Researcher

Philadelphia, PA

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.
- Utilized: IBM CPLEX, CPLEX Java API

La Salle Mathematics and Computer Science Department

Mathematics Tutor

Philadelphia, PA

2018 – 2019

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

PROJECTS

shaniakiat.dev

Summer 2019

- Develop and design a portfolio site using Gatsby to showcase my skills and past work
- Utilized: React, GatsbyJS, Netlify

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

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), MySQL, Python

Development Tools: IntelliJ IDEA CE, Visual Studio Code, Android Studio, NetBeans, Eclipse, Git, Adobe Illustrator,

Adobe Photoshop, Adobe InDesign, Jupyter Notebook, IBM CPLEX

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