

JOSEPHINE NADIA SANTOSO

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OBJECTIVE

To obtain an internship or research position in the field of Computer Science.

EDUCATION

Purdue University, West Lafayette, IN

Bachelor of Science in Computer Science and Statistics
Concentration: Machine Intelligence
Minor: Mathematics

Expected May 2020
Cumulative GPA: 3.81

RELATED COURSEWORK

Data structures and Algorithms, CS 25100; Systems Programming, CS 25200; Data Mining and Machine Learning, CS 37300
Information Systems, CS 34800; Introduction to Probability, STAT 41600; Time Series, STAT 42000;

SKILLS

Technical Skills: Proficient in Microsoft Office Suite, HTML, CSS, SQL, R, Java, Python, and C / C++

Language Abilities: Fluent in English, Chinese and Indonesian Language

PROJECTS

Purdue University, West Lafayette, IN

CS 252 – Implementing a Shell Project

Spring 2019

- Built a shell interpreter in C++ which combines behavior from common shells including bash and csh
- Features: Simple Commands, File redirections, Pipes, Signal Handlings, Built in Functions, Subshells, Environment Variable Expansions, Tilde Expansions and Wildcarding

CS 251 – Web Crawler and Search-Engine Project

Summer 2018

- Created a C++ program that crawls through websites, storing each sites description
- Extracted words from each crawled website and stored them in a Hash table to be used for searching
- Built a search-engine program that utilizes crawled data from the web crawler

CS 180 – Client and Server Chat Room Team Project

Fall 2017

- Developed Java program with threads to enable multiple clients and a server to interact
- Features: listing all online users, broadcasting messages, direct messaging users and censoring unwanted words

WORK EXPERIENCE

Purdue University, West Lafayette, IN

CATME Technical Development Intern

Spring 2019 - present

- Collected and reported CATME's weekly data along with its forecasting for the upcoming periods
- Created a HTML code with a team to renew CATME's help link on their website (the Help Project)

CS 180 (Introduction to Java) Supplemental Instruction Leader

Fall 2018

- Facilitated and led weekly group study sessions for students taking CS180
- Planned and prepared collaborative group activities, discussions and examples to aid student learning
- Provided feedback for students about computational mistakes to support exam preparation

Student Associate at Lemongrass (Purdue Memorial Union).

Spring 2018 – Fall 2018

- Cooked and Maintained high quality food to ensure the best service to consumers

INVOLVEMENTS

Purdue University, West Lafayette, IN

Head of Food Department at PERMIAS (Indonesian Student Association)

Fall 2018 – present

- Organized social events for Indonesians and also other nationalities
- Promoted Indonesian culture by preparing various delicacies at each event to attract student participation

Boiler Out Volunteer

Spring 2018

- Joined various volunteer opportunities monthly around the Greater Lafayette area

Member of Purdue Hackers

Fall 2018 - present

Member of SASE (Society of Asian Scientists and Engineers)

Spring 2018 - present

Member of CSWN (Computer Science Women's Network)

Spring 2018 - present

AWARDS - Continued Good Standing Dean's List & Semester Honors

Fall 2017 – present