**J O S E P H I N E N A D I A S A N T O S O**

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**OBJECTIVE**

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

**EDUCATION**

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**Purdue University, West Lafayette, IN** Expected May 2020

Bachelor of Science in Computer Science and Statistics Cumulative GPA: 3.81

Concentration: Machine Intelligence

Minor: Mathematics

**RELATED COURSEWORK**

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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**

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**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**

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**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**

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**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**

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**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