

Hansa Halim

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Executive Summary & Qualifications

- Fluent in Mandarin and Indonesian, conversational level in Spanish and Cantonese.
- Proficient in ActionScript 3.0, Bash, C, C++, CSS3, Git, HTML5, UNIX, and Scheme (Racket),
- Understands Object-oriented Programming principles to a deep level and is able to work with new languages.
- Experienced in Adobe programs such as Photoshop, Animate, Flash, Audition, After Effects.
- Quick-learner with strong initiatives to learn anything and can take on new tasks.
- Strong knowledge of different cultures that helps in adapting to new environments easily.
- Intuitive problem-solving skills and conflict resolution skills.

Work Experience

Asia Symbol (Guangdong) Paper Co., Ltd. – Guangdong, China

Information Technology Intern | July 2016 – August 2016

- Gained valuable learning experience on the role of computer systems in manufacturing.
- Participated in team-building activities to build teamwork with leaders and co-workers.
- Sufficiently communicated with software developers, systems engineers, and department leaders to understand the plans of software implementations on a new paper machine.

Education

University of Waterloo – Ontario, Canada

Candidate for Bachelor of Mathematics | 2017 – 2021

- University of Waterloo President's Scholarship
- Faculty of Mathematics Ambassador Representative Fall 2017

Boren Sino-Canadian School – Guangdong, China

Ontario Secondary School Diploma | 2010 – 2017

- Ontario Scholar Certificate
- Computer Science Award
- Student Committee Member
- Master of Ceremonies for Class of 2016 Convocation
- Second place in 2017 Canadian Team Mathematics Contest

Other Experience

University of Waterloo – Indonesian Students' Association

President | September 2018 – December 2018

- Represents the Indonesian Students in Waterloo, and reports to the Indonesian consulate in Toronto.
- Makes all the executive decisions on current and future steps of the association
- Led a team of 6 executive members to operate the association for the Fall 2018 academic term.

Mon Sheong Foundation

Volunteer Web Developer | June 2018 – September 2018

- Working in a team of 3 people to build a public facing website from scratch using HTML, CSS, and JavaScript.
- Focused on user experience and responsiveness by building better navigation especially for mobile devices.
- Currently in coding and implementation phase where the wireframe is already available.

Personal Projects

Multiplayer Static Tetris Game - Biquadris

Software Developer | November 2018

- Implemented using Object-oriented programming principles which includes abstraction, polymorphism, inheritance, encapsulation and a number of design pattern such as decorator, factory, model-view controller.
- Completed in teams of 3 as part of CS 246 final project and received a final score of 97.

Flappy Ship Mobile Game

Sole Developer | June 2017

- Coded in ActionScript 3.0 as part of Grade 12 Computer Science Project.
- Players need to navigate the ship to turn left or right in order to avoid obstacles.
- Obstacles are spawned automatically and is trying to hit the player.
- Points are added for every obstacle avoided.

KKCIndo.com Online Gaming Minecraft Server

Founder and Owner | May 2013 – December 2013

- Ranked as #1 Minecraft server in Indonesia for 5 consecutive months.
- Generated a total revenue of exceeding CAD\$2000.
- Had a total of nearly 6000 unique players worldwide, mostly from Indonesia.
- Built the server from scratch by implementations of numerous Java plugins.
- Gained leadership abilities by managing and training all admins and moderators for daily operations.