

</ Natalia Aulia >



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<https://nataliaaulia.github.io>



nataliaaulia



nataliaaulia

EDUCATION

Bachelor of Science, Computer Science

University of Minnesota - Twin Cities, College of Science & Engineering

Expected Graduation Date : December 2020

Associate of Science, Computer Science

North Seattle College

Graduation Date: June 2018. GPA: 3.86/4

RELEVANT COURSEWORK

- Computer Science** : Introduction to Computer Programming in Java, Introduction to Computer Programming in Python, Introduction to Programming Concepts, Introduction to Algorithm & Data Structure, Elementary Computational Linear Algebra, Discrete Structures (in progress), Machine Architecture & Organization (in progress).
- Mathematics** : Calculus I, Calculus II, Calculus III, Linear Algebra, Differential Equation, Vector Calculus, Application to Linear Algebra (in progress).

SKILLS

- Programming Languages** : Java (proficient), Python (proficient), Android SDK (prior experience), HTML5/CSS3 (prior experience), XML (prior experience), JavaScript (prior experience), C (currently learning).
- Software and Platforms** : Eclipse, BlueJ, Android Studio, Google API, Firebase Console, Atom, Sublime Text.
- Operating System** : UNIX/LINUX

PERSONAL PROJECT (s)

nataliaaulia.github.io | Full Stack

- Created an online portfolio with HTML5/CSS3 and Javascript.
- Implemented an open source framework called Bootstrap to make the website more responsive.

Tampons Navigator | Mobile Development, Code: <https://github.com/nataliaaulia/TamponsNavigator.git>

- Developed an Android Application that navigates women who want to buy tampons to a nearby store or a nearby provider with Google Maps and Google Places Platform.
- Implemented front-end languages such as XML and CSS to create User Interface Design and Java as the back-end language
- Used Firebase Console as the database to save the user's information

Where to? | Mobile Development, Code: <https://github.com/nataliaaulia/WhereTo.git>

- Led a team of three to develop an Android Application that helps people to promote civic engagement for a Software Design Competition held by the ACM UMN.
- Implemented Paypal and Google API for the Android Application.
- Mainly responsible for the back-end implementation with Java and database management with Firebase Console.

WORK EXPERIENCE

Mathematics and Computer Science Tutor, North Seattle College, date: September 2017 - June 2018

- Assisted a community of students to understand better on Mathematics and Computer Science questions, including homework, individual and group projects.

Student Cabinet Board Member, Student Leadership, North Seattle College, date: January 2018 - June 2018

- Represented student's voices in campus committee meetings.
- Took part of faculties' tenure process and wrote articles for the school's newsletter.
- Interviewed future North Seattle College Student Leaders and selected 30 out of 120 students who had applied.

LEADERSHIP

Secretary, Indonesian Student Association of North Seattle College, date: November 2016 - March 2018

- Arranged weekly meetings for the club.
- In charged of all the data about the club's projects and members.
- Organized an annual sports competition for Indonesian students in Seattle called KOMPAS, with five different colleges.

VOLUNTEER

Data Entry, Real Change Homeless Project, date: July 2017 - August 2017

- Calculated and managed data from Real Change newspapers to Microsoft Excel sheets.
- Arranged Real Change newspapers from May 2017 to July 2017.