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Software Developer

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 Website

## SKILLS

**Languages:** Java, C, Python, Prolog, Lisp, LUA, Scheme, MatLab, GO, HTML, JavaScript, Swift

**Applications:** Eclipse, Visual Studios, XCode, Android Studio, JavaFX

**Operating Systems:** Windows, Linux, Unix, Mac OS x,

**Database Systems:** Firebase

## EDUCATION

**Associates of Science in Computer Science**  
Northern Virginia Community College  
2015-2017

**Bachelor of Science in Computer Science**  
Virginia Polytechnic Institute and state University  
2017-2019

## COURSES

Intro to Software Design  
Intro to Problem Solving in CS  
Software Design & Data Structures  
Intro to Computer Organization 1 & 2  
Intro to GUI Programming  
Human Computer Interactions  
Comparative Languages

Creative Computing Capstone  
Data Structures and Algorithms  
Computer Systems  
Multimedia and Hypertext  
Intermediate Software Design  
Formal Languages and Automata

## PERSONAL PROJECTS

### PulseR

*Android app*

Built a mobile android app that is dedicated towards people whom have just started running. Automated workouts are generated monthly, the app also tracks calories, distance, and includes a timer for runs. It sends notifications and adjusts the background depending on weather.

- Google Place API, Google Awareness API, Google Map API, Google Fitness API
- DecoView wx.wheelview LeonidsLib jjoe64:graphview (Libraries)

### BudgetMap

*Android app*

Allows users to look up certain events or activities based on the budget and distance that a user inputs. The app scrapes information and prices off the web and displays them on a list for a user to see.

- Google Place API, Google Maps API, PredictHQ

### RC Paint

*Website*

Implemented a fully functional application that allows a user to draw on a canvas. Features include, save as, resizing of the canvas, erase button and includes a color chooser with 100 plus colors.