

# ZAID BAGHAL

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## EDUCATION

### Rutgers University - New Brunswick

2015 to Present

B.S. Computer Science

Expected Graduation Date: May 2020

Relevant Coursework: Data Structures, Introduction to Computer Science, Calculus I & II, Discrete Mathematics I

## PROJECTS

### Android Weather App

2018

- Created an android weather app that displays the weather of any city that the user chooses
- Built using Java and Android Studio

### Expression Evaluator

2018

- Implemented a mathematical expression evaluator and calculator
- Added ability to test different variables and arrays in each expression
- Programmed all basic mathematical operations
- Built using Java

### Personal Website and Blog

2018

- Created a responsive portfolio and blog
- Incorporated animations, analytics tracking, responsive web design and mobile interface.
- Implemented a blog using the Jekyll framework and liquid syntax
- Built using HTML, CSS, and JavaScript

### Big Integer Calculator

2018

- Created an application that does calculations on infinitely large integers
- Implemented various commands such as addition, subtraction, division and multiplication
- Incorporated operations on negative numbers
- Built using Java

### Trie Prefix Search

2018

- Implemented a prefix tree that takes word inputs and sorts efficiently for quick access
- Developed feature to search by prefix or full words
- Built using Java

## SKILLS

**LANGUAGES:** Java, HTML, CSS, Kotlin, Javascript, Liquid

**TOOLS:** Android Studio, Git, Unity, Eclipse, Adobe Suite, Jekyll

## EXTRACURRICULARS

Rutgers University Mobile Application Development Club (RUMAD)

2018 to Present

RUMAD Accelerated Android Development Program

2018 to Present

Rutgers Undergraduate Student Alliance of Computer Scientists

2018 to Present