

# Patrick Seute

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## Education

### PRINCESS ANNE HIGH SCHOOL, VIRGINIA BEACH, VA

- Graduated with honors – 3.2 GPA in 2014
- Studied AP Computer Science and Computer Programming courses

### BACHELOR OF SCIENCE | OLD DOMINION UNIVERSITY, NORFOLK VA

- Major: Computer Science
- Minor: Computer Engineering
- Expected graduation in December 2018
- Coursework: Data Structures, Algorithms, Software Engineering, Web development, Android App Development, Object Oriented Programming, Data Sciences

## Projects

Examples can be seen at <https://github.com/SuperRonJon>

- **Test-Case-Tester (Java):** Worked in a small team on a project to create a tool for professors to test the quality of student submitted unit tests and testing suites.
- **Yelp Camp(NodeJS, MongoDB, Express):** A demo CRUD webapp that includes logging in, creating a Campground Post which users can comment on. Added additional functionality to include Admin users that can edit and delete posts by other users to protect integrity.
- **Monty Hall Simulation (Java):** Created a program to simulate the results of the Monty Hall Paradox millions of times. This simulation proves that the player is twice as likely to win the game if the initial choice is swapped for the last remaining choice.
- **Farming Price Checker (Python):** Created a tool to automatically check data from an API online and determine the best possible purchase opportunities in the online game Runescape.
- **Breakout (C#/Unity):** Made a 3D clone of the video game Breakout in C# using the Unity Engine.
- **Blackjack Game (Javascript):** Small contributions to an open source blackjack simulation on Github.

## Skill Highlights

- Programming skills in
  - C++ (Strong)
  - Java (Strong)
  - Javascript (Strong)
  - Python (Experience)
  - C# (Experience)
- Technologies: Git, NodeJs, ReactJs, JUnit, Linux, HTML5 & CSS3, MongoDB
- Database Experience
- Unit Testing Frameworks
- Agile Software Development