

# Guthrie Scholar

Ideation, Analytical, Individualization, Learner, Input (Gallop's StrengthsQuest)

[www.guthriescholar.com](http://www.guthriescholar.com)

## Education

### **Computer Science B.S. – University of North Texas (2014 – Present)**

- Class of 2018 - 3.5 GPA
- College of Engineering Dean's List (Spring 2016, Fall 2016)

### **Game Programming Certificate - University of North Texas**

- Experience in 2D and 3D Game Design using C++, DirectX, and Unreal 4
- Advanced topics including Game Physics, Artificial Intelligence, Path Finding

## Projects & Experiences

### **Maddness - Mobile Game Application**

- Available now on iOS and Android devices
- 2D Number game written in Lua using Corona SDK

### **Budget(ish) - Ruby on Rails Budgeting Application**

- Class project for User Experience and Design course
- UX focused Ruby on Rails budgeting application geared towards college students
- Conducted research and landscape analyses to develop user stories, personas, and wireframes.

### **Winner of the AT&T Mobile app IoT Hackathon (February 26th, 2016)**

- Created an app-controlled dynamic sound sensing speaker using an Arduino and Heroku.
- Web App designer, created low and high fidelity mockups & prototypes with HTML and Sass.

## Technical Skills

- **Proficiency in** C/C++, Lua, HTML/CSS/JS, Python, Ruby
- **Experience with** C#, Java, Assembly, VHDL
- **Frameworks and Libraries:** NodeJS, ReactJS, Ruby on Rails, HAML, JQuery, LOVE2D, Corona SDK, Canvas Programming, Boost

## Work

### **Resident Assistant – UNT, Denton, Tx (2015 – Present)**

- Facilitate positive community development for 500+ residents, refer residents to campus resources, and provide fun, educational programming targeting resident needs and interests.
- Work closely with a team of 10 to provide positive customer service experiences at the front desk, provide On-Call risk management response, and support each other in daily tasks.

### **Orientation Leader - UNT, Denton, Tx (Summer 2015)**

- Campus leader in providing excellent customer service and information to class of 2019.
- Developed public speaking skills to engage and present to 2000+ freshmen.

*References available upon request.*