

# Tyler James Pinho

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<https://github.com/FalseNight>  
[tylerpinho.me](http://tylerpinho.me)

## Objective

To work in a fast-paced, hands-on and collaborative environment with a focus on developing innovative and creative solutions to solve technical issues while working in a team of passionate members.

## Game Design, Programming and Research Projects

- **Languages** - Java, C, C++, C#, HTML, CSS, GML, MIPS
- **Keeping It Cool** - Research project focused on developing a novel heat pipe CPU cooling device for enhancing the use of computers in zero gravity environments
- **Get Rec'd** - Java application to recommend media to users based off of their previously read and viewed Anime & Manga by aggregating other user's recommendations
- **Tenebris** - A puzzle-platformer developed by my team in 72 hours for Ludum Dare 31 using the given theme of "Entire Game On One Screen"
- **[switch]** - A PC puzzle-platformer focused on varied uses of manipulating solidity, gravity, lethality, and other properties of objects in a given level
- **Blank Page** - A C# shoot 'em up game made in Unity that takes any mp3 file and develops several bullet hell patterns based off of the various characteristics of the piece of music

## Extracurricular Activities

- Studied Abroad in Japan over Summer 2014 with a focus on solving real world issues by creating simulation software
- **Fragments of Rebirth** - Two friends, who view life as mundane and without challenge, are murdered one night after discovering a supernatural anomaly. However, they awaken to find themselves resurrected by a goddess under one condition, that they end the world. (30,000+ Word Novel)
- Game Development Project Manager of the Software Developer's Association
- **Ludum Dare 31** - Placed 72 out of 1272 Teams Overall (Top 5.6%)
- Founder Mu Alpha Theta Chapter of the International Honors Math Society
- National Mu Alpha Theta Convention/Competition in Dallas - 2011 and San Diego - 2013
- Musician – Clarinet – 2005 thru Present

## Awards & Recognitions

- **Presidential Scholarship Recipient** – Barrett Honors College – 2013 – 2015
- **Dean's List** - Fall 2013, Spring 2014, and Fall 2014
- **1st Place** - Hamilton Invitational Science and Engineering Fair in Energy/Transportation - 2011
- **2nd Place** - Arizona Science and Engineering Fair in Engineering Electrical and Mechanical - 2013
- **2nd Place** - Hamilton Invitational Science and Engineering Fair in Microbiology - 2010
- **3rd Place** - Hamilton Invitational Science and Engineering Fair in Engineering - 2013
- **4th Place** - Arizona Science and Engineering Fair in Energy/Transportation - 2011

## Work Experience

### JT Custom Computers, Chandler, AZ (2010-2011)

Computer Technician – Built and tested custom computers constructed according to client specifications

### Science is Fun, Chandler, AZ (2011-2013)

Presentation Intern - Supported STEM education by presenting to K-8 students, parents, teachers, and community members using a fun and engaging, minds-on instructional approach that integrated science, engineering and technology through interactive exploration of "Energy in the World Around You".

### Chandler Unified School District, Chandler, AZ (2011-2013)

Web Site Developer – Developed the Basha High School "Science is Fun" website including original coding, formats and content that I maintained and updated regularly. ([www.bashascienceisfun.com](http://www.bashascienceisfun.com))

## Education

### Barrett Honors College - Arizona State University - Tempe, Arizona

Bachelor of Science in Computer Science

Class of 2017

Certificate in Computer Gaming

GPA - 4.00