NICHOLAS AMUSO

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EDUCATION
The College of New Jersey (TCNJ), Ewing, NJ
Bachelor of Science in Computer Science, May 2017

TECHNICAL SKILLS
Platforms: Windows, UNIX, Linux, Macintosh OSX, iOS

Languages: Java, Swift (iOS), C/C++, HTML, CSS, JavaScript, UML

Software: GitHub, XCode, MatLab, Adobe Photoshop / Illustrator, LogicWorks
                    MS Visual Studio, GameMaker Studio, Autodesk Maya / AutoCAD

TECHNICAL PROJECTS AND EXPERIENCE
- *Mapping and Testing Tool*: Implemented an application in Java to automate the process of mapping tables from the main database (Sybase) to the cache layer (MongoDB). This process involved generating XML instructions for a daemon, and writing JUnit tests for each table. | June 2016 – August 2016

- *Mongo Stats Log*: Revamped a Java application for monitoring the health of MongoDB nodes, utilizing Apache log4j and Splunk. | June 2016

- *iOS Development*: Developed and managed a social networking application for musicians with 2 other students. | March 2015 – July 2015

- *HackTCNJ*: Collaborated with other computer science majors and competed in programming challenges at TCNJ's annual hackathon. | February 2016

- *16-Bit Computer*: Implemented components of a computer system with another student, examining hardwired and micro-programming control and utilizing traditional computer architectures. | August 2015 – December 2015

CLUBS AND ACTIVITIES
Instructor and Developer, Magic Circle Game Design | September 2014 – Present
- Planned, designed and programmed games through both solo and team work.
- Worked with students new to game development and coding.

Member, ACMSIGGRAPH | September 2014 – Present
- Developed computer graphics skills through working in Maya and Illustrator

WORK EXPERIENCE
Internship, Tudor Investment Corporation, Greenwich, CT | Summer 2016

- In 10 weeks, developed *Mapping and Testing Tool* and *Mongo Stats App*
- Practiced effective communication and collaboration skills by teaming up with several of Tudor's software developers