

Justin Soon

B.S. Comp Sci, JMU
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Career Objective

- Experienced enthusiast with vast IT experience. Skills include computer networking, analytical thinking and creative problem solving. Able to apply customer service concepts to IT to improve user experience for clients, employees and administration.

Programming Projects and Open Source Contributions

- **Connect Four** *under Prof. Christopher Mayfield, November 2017*
 - Creating the game of connect four in python.
 - Using the tkinter toolkit allow for interactive placement of pieces with a click of a mouse.
 - Contributed new features, tests to the framework and fixed bugs. Increased code coverage.
- **Virtual Tour** *under Mr. Bruce Buskey, May 2017*
 - **Lead Coordinator**, led a team of 4 students.
 - Simulation of visiting John Champe High School.
 - Composed with multimedia elements with sound effects, music, narration, and text.
 - Consisten of over 100 panoramas that included an aerial view of campus.
 - Preview limited at justinsoon.github.io/jchsvirtualtour for security reason.
- **Buskey Bird** *under Mr. Bruce Buskey, May 2017*
 - **Software Team Head**, led a team of 3 students.
 - Recreated the game of doodle jump using open source images allocated by our teacher.
 - Built using HTML, CSS5, JavaScript, and a open source package called MelonJS.
 - Full playable game at justinsoon.github.io/buskeybird
- **Buskey Jump** *under Mr. Bruce Buskey, May 2016*
 - **Software Team Head**, led a team of 3 students.
 - Recreated the game of doodle jump using open source images allocated by our teacher.
 - Built using HTML, CSS, JavaScript.
 - Full playable game at justinsoon.github.io/buskeyjump
- **Notable Open Source contributions**
 - Designed 2 customizable website & blog templates for Jekyll. Released under MIT license.
 - html-textview, added support for external image downloading libraries.
 - Added option to reload saved page if offline data is cleared.

Technical Skills

Languages	Java, C/C++, Python, GIT, JavaScript, HTML5, CSS
Frameworks/Tools	Photoshop, Adobe Priemer, Google Analytics/Suite, FTP, MySQL, Windows, Linux, WordPress, OpenCV, Bootstrap, Jekyll, Jenkins
Undergraduate Coursework	Operating Systems, Databases, Algorithms, Programming Languages; Computer Architecture, Information Security, Calculcus

Positions of Responsibility

- **Civil Air Patrol** Flight Sergeant *January - June, 2017*
 - Motivate and train cadets assigned in the flight.
 - Provided them skills that will be used for the rest of their involvement in a military setting.
- **Cyber Patriot** Lead Windows Team *October - April, 2017*
 - Helped lead five students learn the disipline of the infrastructure for the various aspects of the Windows operating system.
- **Mentoring Projects** *September 2017*
 - Facilitated 5 students to learn the basic of java programming.

Honors, Awards, and Membership

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| • Founding father of the JMU Acacia Chapter 2018. | <i>2018 - present</i> |
| • Student Body In Filipino Americans at Madison at JMU. | <i>2018 - present</i> |
| • Student Body in Vietnamese Student Association at JMU. | <i>2018 - present</i> |
| • University of Virginia Air Force ROTC Detachment 890. | <i>2017 - present</i> |
| • National Honor Society | <i>2016 - present</i> |
| • Kiwanis Non-Profit Organization | <i>2014 - 2017</i> |
| • Civil Air Patrol | <i>2013 - 2017</i> |
| • Marching Band, Concert Band, and Jazz Band. | <i>2012 - 2017</i> |
| • Varsity Wrestling | <i>2012-2016</i> |