Justin Soon

B.S. Comp Sci, JMU

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Background

- **Resume Profile**
  - Outstanding student with experiences ranging from administrating servers, desiging graphics, producing film, and developing software.

- **Education**   *2017*
  - Advance Studies Diploma at John Champe High School.
  - Graduated with a G.P.A of 3.75 and was top 20 percent of class.
  - Attending James Madison Univerisity since the fall of 2017.
  - Pursuing a major in Computer Science.

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*
  - **Software Team Head**, lead a team of 4 students.
  - Simulation of visting John Champe High School.
  - Composed with multimedia elments 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**, lead 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**, lead 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, Calculcus

Positions of Responsibility

- **Virtual Tour** Lead Coordinator   *May 2017*
  - Facilitated 4 students to learn the programs needed to create the final solution.
  - Guided a team to successfully create and complete the project at hand.

- **Cyber Patriot** Lead Windows Team   *2017*
  - Helped lead five students learn the displine of the infrastructure for the various aspects of the Windows operating system.

- **Mentoring Projects**
  - Facilitated 3 students to learn the basic of java programming.

Honors, Awards, and Membership

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