Daniel Choi

(Junyoung Choi)
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Education

University of Virginia

Anticipated B.A. in Computer Science,
Expected Graduation – May 2019
Current GPA: 3.693

Relevant Coursework
Program and Data Representation
Theory of Computation
Software Development Methods
Discrete Mathematics I
Digital Logic Design

Thomas Jefferson High School for Science and Technology

Relevant Coursework
Foundations of Computer Science
AP Computer Science plus Data Structures

Technical Skills

Languages: Fluent in English, Korean. Communicational in Japanese
Operating Systems: Windows, Linux/Unix
Software: Eclipse, Microsoft Office, MATLAB
Programming Languages
Java, Python, C++. Familiar with LaTeX, HTML and CSS

Work Experience & Projects

Teaching Assistant at the University of Virginia
Charlottesville, VA (Sep 2016 ~ Current)

- Worked with Digital Logic Design Professors and Students in the Electrical Engineering Department
  - Worked as a teacher assistant for the Course CS2330, Digital Logic Design, an introductory course to topics such as number systems and conversion, Boolean algebra, arithmetic networks and sequential network design.
  - Assisted students with questions regarding course material and took charge of studio sessions.

Personal Website

- Developed my personal website at http://www.daniel-choi.com using HTML, CSS and small amount of JavaScript. The website contains my resume, transcript, and information on my other projects.

Wilderness at the Student Game Development Club
UVa, Charlottesville, VA (Sep 2016 ~ Dec 2016)

- Contributed in the Development "Wilderness" in Fall 2016
  - Worked on the script parser for the game that parsed the script written by the authors and turned them into node structures for the game to use. More information can be found in my website.

Fasoo Summer Internship
Seoul, Mapo-gu, Korea (June 2016 ~ July 2016)

- Developed a WebCrawler to assist a static analysis software
  - Worked on a crawler that reads through an xml file from CVE (Common Vulnerabilities and Exposures) to filter websites that contain source codes, and categorizes them based on the vulnerability type the source code was related to.

Activities

- **Member**, Student Game Developers Club in UVA
- **Member**, ACM at UVA
  - Participated in the regional round for ACM International Collegiate Programming Contest
- **Treasurer,** Korean-American Scientist and Engineer Association (KSEA) Central Virginia Chapter at UVA.