**EDUCATION**

**University of Virginia,** Charlottesville, Virginia

**Bachelor of Arts, Computer Science and Biostatistics**  *Expected May 2020*

**Relevant Courses**: Software Development Methods, Discrete Mathematics, Program and Data Representations, Algorithms, Database Systems, Computer Architecture, Linear Algebra, Introduction to Data science with Python, Mathematical Probability, Data to knowledge, Regression Analysis

**Technical Experience**

**S.W.I.F.T,** Manassas, Virginia

*Database Developer Intern .*  *Jun 2018 – Aug 2018*

* Worked in developing a Database and Front End server.
* Python, Sqlite, Node Js, Express Js, Angular Js

**Personal Projects**

**University of Southern California**

*Web-developer .*  *Jun 2018 – Aug 2018*

* Worked on developing the backend and front end of a website used by the Saban Research Institute of Children’s Hospital L.A.
* https://178.128.178.177:3000/

**University of Virginia**

*Web-developer.*

* Worked on developing the backend and front end of a website used by the KSEA (Korean Science and Engineering Association)
* https//www.kseaatuva.com

**Skills**

* Proficiency in Python, C++, Java, SQL, Node Js, PHP, HTML, CSS, LaTex, Mathematica
  + <https://github.com/hyunsukr>
* Operating systems
  + Windows, Linux, MacOS
* Fluent in written and spoken Korean
* Ability to 3d print
* Proficiency in Microsoft Office Suite
* General Research Lab Techniques such as PCR, Gel electrophoresis, gene mutation, mouse surgery.

**RESEARCH EXPERIENCE**

**University of Virginia,** Charlottesville, Virginia

*Research Assistant, Department of Neuroscience.*  *Sep 2014 – Dec 2017*

* Created Plasmid DNA
* DNA extraction techniques
* PCR and Gel electrophoresis
* Mouse surgery

**WORK & VOLUNTEER EXPEREINCE**

**Madison house,** Charlottesville, Virginia

*Volunteer, Medical Services*  *Sep 2016 – Present*

* Providing care for patients at the Emily Couric Clinical Cancer Center
* Preparing Surgical Supplies for operations at the University of Virginia Medical Center
* Sales Assistant at the Auxiliary Center at University of Virginia Medical Center.
* Volunteer experience of over 1,200 hours

**Sakura Japanese Steak House,** Charlottesville, Virginia

*Waiter Sep 2015 – June 2017*

* Host and Waiter at local Japanese restaurant
* Trained new waiters and waitresses upon entering
* Helped to make business process more efficient by implementing new ways to waiters
  + Head of wait staff of 13 people

**Korean Student Association,** CIO in University of Virginia

Outreach chair

* Communicate with other organizations to plan events for the organization
* Help with creating culture showcases and expo for the greater UVa community.
* The CIO has a history of over 800 members with new member population of about 100 each year.

**Korean American Scientists and Engineering Association,** CIO in University of Virginia

Vice President

* Communicate with other organizations to plan events for the organization