

Permanent Address

4511 Briarwood Dr.
Charlottesville, Virginia 22911

Hyun Suk Ryoo

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(612) 963 - 1218

Current Address

1910 Jefferson Park Ave. Apt# 18
Charlottesville, Virginia 22903

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.
- LINK :

Skills

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

RESEARCH EXPERIENCE

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University of Virginia, Charlottesville, Virginia

Research Assistant, Department of Neuroscience.

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Sep 2014 – Dec 2017

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

WORK & VOLUNTEER EXPERIENCE

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.