Haegi Oh

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EDUCATION

The George Washington University — **Washington, DC**
Bachelor of Science in Public Health | Minor in Bioinformatics — *August 2018 - December 2021*

- Courses: Intro to Python, Database Design & Application, Web Applications Development, Cloud Computing
- Cumulative GPA: 3.80
- Honors: Dean's List (5 semesters)
- Skills: Python, Microsoft SQL Server, Tableau, Microsoft Office Applications, Command Line, Git

WORK EXPERIENCE

Berkeley Research Group — **Washington, DC**
Summer Associate - Healthcare: Dispute Investigations & Analytics — *June 2021- August 2021*

- Developed and adjusted R script from template to dynamically scrape specific information from 30 plus contracts in PDF format; utilized for-loop to consolidate output into Excel sheet while creating subdirectories for error files
- Imported large datasets into SQL to clean data, recast variables, join tables, and create tables under a schema
- Audited work streams using quality control methods and conduct business development tasks as needed using Microsoft Office applications such as Outlook and Teams

The George Washington University - Milken Institute of Public Health — **Washington, DC**
Undergraduate Research Assistant - Bioinformatics & Data Visualization — *September 2020 - May 2021*

- Applied computational techniques, such as writing scripts in Python and utilizing AWS, to visualize data and conduct deep learning
- Conducted research on omics data (e.g. metabolites and proteins), statistical approaches, and visualization techniques/tools such as R and Python packages
- Prepared scientific materials, such as posters and slides, to present research and literature reviews

Community Engagement Consulting — **Washington, DC**
Student Consultant — *August 2019 – November 2019*

- Collaborated with the Executive Director of the client to develop a Project Management System using excel to better streamline internal operations
- Redesigned the client's on-boarding training manual by implementing new communication methods and accountability procedures
- Codified weekly meetings among all staff members to sustain organizational growth and alleviate miscommunication issues

PROJECTS

- **Linear Regression on Cervical Cancer Data (2021):** Performed a linear regression analysis using Python on cancer data to investigate the relationship between several statistics (e.g. Age and IUD usage)

- **Tableau Dashboard on Healthcare Data (2021):** Created dashboard in Tableau displaying min/max values of copay and Medicare prices for new vs. established patients using an emergency medicine dataset from Center for Medicare and Medicaid Services

- **Directory Parser and DNA Transcription Tool (2020):** Developed series of scripts in Python and Bash shell-scripting to parse large DNA sequence files, convert them to FASTA format, and transcribe them into RNA

ADDITIONAL

- **Language Fluency:** English, Intermediate Korean

- **Interests:** Tennis, Science Fiction Novels, Running