

Jee Won (Kyra) Park

jee_won_park@alumni.brown.edu | kyrajeep.github.io/jpark | Greater Boston, MA

Summary of Qualifications: A software engineer with a strong foundation in Python and Linux, backed by 2 years of practical experience. Transitioned into a PhD program in Computer Science after obtaining a degree in Applied Mathematics and self education in software engineering. Demonstrated self-starting initiative and a commitment to continuous learning.

PROFESSIONAL EXPERIENCE

Simon Fraser University, *PhD Student, Computing Science* Vancouver, Canada, Sep 2021 - Current

- Writing Python code to verify research ideas on Machine Learning and optimal control, assessing their effectiveness in reducing collisions in autonomous driving.
- Developing and implementing left turn decision-making algorithms for AI at intersections, utilizing the Carla simulator for experimentation and validation.
- Engaging in collaborative efforts with faculty and senior colleagues to solicit feedback and enhance research methods, showcasing strong teamwork and communication skills.
- Employing GitHub for version control, showcasing adeptness in collaborative software development practices.

Odin Partners, *Analyst* Seoul, Korea, Sep 2020 - Feb 2021

- Played a key role in recommending an investment in a company that experienced a remarkable 24% increase in value.

Brown University Computer Science, *Researcher* RI, USA, June 2018 – Jan 2020

- Collaborated with a team on research projects resulting in a publication at a top-tier Machine Learning conference (ICML), showcasing research and technical writing abilities.
- Wrote unit tests, asked clarifying questions, and received feedback from faculty to find and fix major algorithmic errors, demonstrating problem-solving and debugging skills.
- Identified opportunities in unpublished papers that served as the theoretical basis for publications at top-tier Machine Learning conferences (ICLR), showcasing research and critical thinking skills.

SKILLS

Proficient: Python, Docker, Object Oriented Programming, GitHub, Linux, Machine Learning, Algorithms, Modeling Dynamical Systems.
Intermediate: Java, C++.

EDUCATION

Simon Fraser Univ. Computer Science, PhD Student Vancouver, BC, Sep 2021 - Current
Brown University, Applied Mathematics, Bachelor's RI, USA, Class of 2019

AWARDS

Special Entrance Award for Computer Science PhD Program Vancouver, BC, Oct 2021