

Jae Pyung Park

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4716 Ellsworth Ave, #323 Pittsburgh, PA, 15213

EDUCATION	Carnegie Mellon University B.S. in Information Systems Double Major in Human Computer Interaction / Minor in Software Engineering	Pittsburgh, PA May 2022
	Relevant Courses: Principles of Software Construction Fundamentals of Programming and CS Principles of Imperative Computation Database Design and Development	Programming Usable Interfaces Information Security and Privacy Applied Machine Learning Application Design and Development
PROJECTS	Healing Camp <ul style="list-style-type: none">Created a mobile application which provides closed social networking service specifically designed for bullied students (approximately 4,000 users)Implemented identity verification through iamport API and SQL relational databaseTransferred to React Native framework from native application for better management in version control for both iOS and Android as well as other minor improvements	Seoul, South Korea Sep 2019 – Jan 2020
	ScreamingBird <ul style="list-style-type: none">Selected as top 10 projects for Spring 2017 term projects.Used pygame, pyaudio, numpy to implement Fast Fourier theorem in the audio recognition segment.Implemented matplotlib and PyQt for graphing of speech volume inputDevised various spritesheets for graphic framework	Pittsburgh, PA May 2017
	God's Meal <ul style="list-style-type: none">Developed an Android application that provides menu for the school mealSolved the lagging problem caused by storing data locally using SQLite by switching to PostgreSQL hosted on the school's server which enablesDevised a newly functioning widget that enables students to easily access and update information regarding school's food menu	Seoul, South Korea Feb 2016
	Seoul National University Artificial Intelligence Lab Intern <i>Software Engineer Intern / Project Lead</i> <ul style="list-style-type: none">Developed machine learning algorithm for predicting crowdedness of open spaces in both real time and future using TensorFlow and Google AutoMLCreated a web app dashboard hosted on AWS using Django frameworkDesigned working mobile app prototypes using FramerX with real-time data transferWorked as a project lead and led 2 meetings per week with other participating labs	Seoul, South Korea May 2020 – Aug 2020
EXPERIENCE	CMU HCI Institute <i>Research Intern</i> <ul style="list-style-type: none">Converted math tutoring website built in flash to HTML5/CSSImproved interactions of cognitive tutor authoring tool (CTAT) by implementing several new UX flow using Javascript	Pittsburgh, PA Feb 2020 – May 2020
	BCPF School <i>Lead Instructor</i> <ul style="list-style-type: none">Taught and inspired a class of 30 under-represented students the fundamentals of programmingDevised a simple version of android minesweeper application so that the students can easily code the logic and graphic part	Asan, South Korea May 2016 – Aug 2016
	SKILLS Programming Languages: Python, Java, Javascript, Ruby, HTML, CSS, SQL, Mongo Foreign Languages: Korean (Fluent), Chinese (Intermediate)	
AWARDS	<ul style="list-style-type: none">Dean's List with HonorsOracle Certified Java ProfessionalStudent Developer Representative at the talk show hosted by the Ministry of Science, ICT and Future PlanningNAVER NHN NEXT Software Program CertificateITIL Foundation Certificate in IT Service Management	2016, 2017, 2019, 2020 2016 2016 2015 2014