

Solbin Lee

(814) 954-2251 | leesolbin0412@gmail.com | linkedin.com/in/solbin-lee-b01a5b24a
U.S Permanent Resident (Green Card Holder)

EXPERIENCE

Macromill Embrain | Internship

Jan 2022- May 2022

- Spearheaded contributions to the development of Artificial Intelligence Training Data by utilizing Python to provide high-level English recordings.
- Conducted in-depth analysis of user data gathered through ALPS (App Location Payment Survey), delivering valuable insights into user behavior.
- Evaluated brand status and user demographics to furnish enterprises with strategic milestones for effective marketing campaigns.
- Played a pivotal role in deciphering consumer behavior by extracting and analyzing samples from a diverse demographic, encompassing individuals aged ten to fifty residing in Korea. Generated comprehensive reports based on approximately 10,000 samples per month.

Republic of Korea Army (ROKA) | Sergeant in the Capital Defense Command

Jun 2020-Dec 2021

- Functioned as a signal corpsman in the C4I system department, supervising Unmanned Aerial Vehicles (UAVs), surveillance devices, low altitude detection radar, target detection radar, and electronic warfare equipment.
- Installed satellites to gather critical information and optimized the network infrastructure for seamless communication between divisions, enhancing operational efficiency.
- Promoted to Squad Leader, responsible for a team of 20+ members. Managed team dynamics in various situations, maintained strong interpersonal relationships among members, and coordinated combat utilities.

Incheon International Airport | Translator and Data Analysis

Aug 2021-October 2021

- Facilitated seamless immigration procedures for passengers amidst evolving COVID-19 immigration policies, providing critical assistance during policy transitions.
- Employed advanced data analysis techniques to design and structure passenger data. Leveraged technologies such as Python and JSON to enhance data efficiency and compatibility.
- Collaborated with the Ministry of Health and Welfare by furnishing them with meticulously analyzed data. Implemented data models to assess and recommend adjustments in COVID-19 levels and immigration policies.

Lion's Market | Back-End-Developer

Nov 2022- Present

- Spearheaded the development of a sustainable college campus second-hand item Flutter application, concurrently establishing a Limited Liability Corporation.
- Orchestrated weekly scrum meetings to align design, development, marketing, and business teams
- Implemented a robust person-to-person live chat system using StreamBuilder in Dart, enabling real-time messaging.
- Leveraged Supabase for efficient server-side read and write operations, with image caching in Flutter
- Employed Dart's asynchronous framework for responsive and efficient programming, optimized diverse platform report

EDUCATION

The Pennsylvania State University, State College, PA

Graduation: 2018 - 2024 (3.3/4.0 GPA)

Bachelor of Engineering, Computer Science Major

Relevant Courses: Data Structure and Algorithms, Computer Systems, Digital Design, Object-Oriented Programming, System Programming, Database Management, Artificial Intelligence

SKILLS

Languages: C | C++ | Java | Python | JavaScript | HTML | CSS | SQL

Applications: Git | Visual Studio | Flutter | Eclipse | Android Studio | React | Node.js | Figma

Foreign Language: Korean (Native) | English (Native)

PROJECTS

Penn State Association for Computing Machinery (DevPsu) | Member

Aug 2022-May 2023

- Weekly participation meetings in building personal websites using HTML, CSS, and Javascript
- Personal Portfolio: solbinlee.com