Professional Resume

CONTACT INFORMATION

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PROFESSIONAL PROFILE

Results-driven computer science student with strong foundation in software development, data science, and statistical computing. Currently pursuing dual bachelor's degrees in computer science and Statistics & Data Science at Korea National Open University alongside completing postgraduate IT study in New Zealand and vocational IT training in Australia. Experienced with Python, C, C++, R, machine learning libraries and cloud technologies, and preparing for rigorous graduate study in algorithms, systems, and data-intensive computing.

EDUCATION

Korea National Open University, Seoul, South Korea

Dual Bachelor's Degree Program (In Progress)

- Primary Major: B.S. in Computer Science | Expected Feb 2027 | GPA: 4.5 / 4.5
- Secondary Major: B.S. in Statistics and Data Science | Expected Feb 2027 | GPA: 4.5 / 4.5

Core Computer Science Coursework (2024–2025) *Credits: 69/69 Earned (completed)*

- Foundation Courses: Operating Systems, Discrete Mathematics, Linear Algebra, Computer Architecture
- Software Engineering: C Programming, C++ Programming, Data Structures, Algorithms
- Systems & Security: Computer Security, Information & Communication Networks
- Emerging Technologies: Cloud Computing with Microsoft Azure

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Core Statistics and Data Science Coursework (2024–2025) | *Credits: 30/51 Earned*

- Statistical Foundations: Statistics Fundamentals, Probability Concepts & Applications, Experimental Design and Applications, Biostatistics
- Data Analytics & Mining: Data Science Introduction, Python Data Processing, Unstructured Data Analysis

- Programming & Tools: Python Computing for Data Analysis, R Programming, Excel Data Analysis

Planned Advanced Coursework (2026): | *21 additional credits in progress 2026*

Multivariate Analysis, Data Mining, Data Visualization, Natural Language Processing, Bayesian Data Analysis, Forecasting Methods

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University of Auckland, New Zealand

Postgraduate Certificate in Information Technology (Completed) | December 2018 – March 2019
Specialization: Information Technology

Key courses: Programming for Industry (Pass B), Programming with Web Technologies (Pass B), Academic Integrity Course (Completed)

Master of Information Technology (Partial) | March 2019 – July 2019
Taught Program; 180 Points

Completed first-semester courses: Software Tools and Techniques (Pass B+), Understanding and Managing Creativity (Pass B+)

Status: Voluntarily Discontinued after first semester

Holmesglen Institute of TAFE, Australia

Certificate III in Information Technology (Completed) | March 2025 – December 2025

Completed all 12 competency-based units in Introductory programming (ICTPRG302), cloud computing solutions (ICTCLD301), cyber security and privacy (BSBXCS301/303/401, ICTICT313), SOHO network installation and security (ICTSAS310)

TECHNICAL SKILLS & COMPETENCIES

Programming Languages & Development

- Python (Advanced): Machine learning libraries (NumPy, Pandas, Scikit-learn), data analysis, web scraping
- R (Advanced): Statistical computing, data visualization, exploratory data analysis
- C/C++ (Intermediate): Systems programming, algorithm implementation
- SQL (Intermediate): Database queries, data manipulation
- Web Technologies: HTML, CSS, JavaScript

Data Science & Statistical Analysis

- Machine Learning: Regression models, classification algorithms, clustering, neural networks
- Statistical Methods: Hypothesis testing, ANOVA, experimental design, multivariate analysis
- Data Visualization: Exploratory data analysis, insights communication, visualization tools
- Big Data Processing: Data cleaning, preprocessing, transformation at scale

Cloud Infrastructure & Tools

- Microsoft Azure Cloud Computing
- Version control and collaborative development (Git)

Specialized Competencies

- Algorithm design and complexity analysis
- Database design and implementation
- Computer security principles and practices
- Network architecture and protocols
- Machine learning model development and optimization

ACADEMIC ACHIEVEMENT SUMMARY

Graduate Study Objective: Pursuing Georgia Tech's OMSCS to deepen foundations in algorithms and systems and to develop applied machine learning and data-intensive computing skills.

CERTIFICATIONS & CREDENTIALS

- **Postgraduate Certificate in Information Technology**, University of Auckland (2019)
- **Certificate III in Information Technology** (2025, Australia)

Last Updated: December 2025
References, Academic Transcripts, and Additional Materials Available Upon Request