

GIDEOK SEONG

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EDUCATION

University of Bridgeport
Master of Science in Computer Science
Cumulative GPA: 3.728/4.0

Bridgeport, CT, Graduation May 2019

University of Sun Moon
Bachelor of Science in Computer Science
Cumulative GPA: 3.7/4.0

Asan, South Korea, Graduation Feb 2018

TECHNICAL SKILLS

Programming Languages: C (4yrs), C++ (4yrs), Python (2yrs), Java (2yrs), C#, Java Script, Asp.net
Database: Microsoft SQL Server, MySQL, Azure Cosmos DB
Operating Systems: Windows, Linux, Unix

RELEVANT COURSEWORK

Hadoop & NoSQL Database, Web Application Development, Unix System Programming, Big data Systems & Analysis, Deep Learning, Data Mining, Objected Oriented Design & Implementation, Advanced Database, Advanced Operating System, Computer Architecture, Data Structures & Algorithms, Software Engineering, Capstone Design, Intro to Robotics

RELEVANT PROJECTS AND EXPERIENCES

Graduate teaching assistant (operating system, database)

Bridgeport, CT, 2018 – 2019 May

- Assisted professors in lectures, created class materials and graded assignments in operating system (using **Linux**) and database (using **Microsoft SQL**)
- Conducted Linux and database lab practice, and helped students build a foundation of basic knowledge of them
- Held 15 office hours a week to give assignment demonstration and explanation to students

Thesis for autonomous vehicle using a convolutional neural network, Personal Project

Bridgeport, CT, 2019

- Developed lane detection by using **Python** modules such as OpenCV, NumPy and Matplotlib
- Detected traffic signs using a model generated by a convolutional neural network based on **TensorFlow**

Banking application project, Personal Project

Bridgeport, CT, 2018

- Implemented Model-View-Controller(MVC) architecture based on **C#** in Microsoft Visual Studio
- Built functions such as login, apply loan, and pay phone bill utilizing presentation, business, and data layer
- Developed a database server in **Microsoft SQL** to be able to communicate with a web server

EXTRACURRICULAR ACTIVITIES

- DSA-CS(Data Science Ambassadors-Computer Science) leadership camp, Instructor, June 2019
- Math Club, Member, Fall 2017 - May 2019
- Army Service, The Sergeant in Transportation Motor Pool , Summer 2011 - Spring 2013
- Computer Language Study Association, Member - Spring 2011

HONORS AND AWARDS

- Overseas Study Scholarship, Fall 2013, Spring 2017 – Fall 2017
- The Second Place Scholarship, Spring 2014
- Strengthening Education Competency Scholarship, Fall 2014
- Department Donation Scholarship, Fall 2014