# Hyung Woo Kim

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## Professional Profile

- Computer Science Major: Three years of rigorous courses and one year of actual workplace experience with team.
- Adept at team coordination and communication
- Experienced in multiple languages: Java, Web Dev(HTML, CSS, JS), C++, Python
- Excellent skills in thorough documentation and reports.

## Professional Experience

**GigaVis Co,. Ltd, Pyeongtaek, Gyeonggi-do, Republic of Korea**
*Software Engineer Intern, Dec 2015 – Feb 2016*

- Studied different algorithm relevant to optimizing the solution to the Travelling Salesman Problem such as Genetic algorithm, Greedy Algorithm, Nearest Neighbor Algorithm, and Lin-Kernighan heuristics.
- Hands on experience in scanning the PCB for defects or irregulars. Created sample defects for testing the scanning machine algorithm and the machine itself.
- Implemented the algorithm to optimize scanning the scanning process.
- Prepare weekly/daily documentations regarding the updates and the progress.

**SK Hynix, Bundang, Republic of Korea**
*Product/Quality Assurance Engineer Intern, June 2016 - July 2016*

- Evaluated the current working programs and system and pinpoint
- Analyzed the current benchmarking tools used in the field.
- Studied the variety of benchmarking tools used for file and storage system.
- Design a standardized model of the file and storage system benchmarking tool.

## Education

**Korea Advanced Institute Science and Technology, Daejeon, Republic of Korea**
*Computer Science Major entered September 2013*

- GPA: 3.42
- Courses Taken: Database, Networking, System Programming, Algorithm, Data Structure
- Major Projects: KENS: TCP/IP implementation, 3D-cube-mapping OpenGL

## Additional Skills

- C++, CSS, HTML, Java, PHP, Python, SQL
- Bilingual Korean and English
- Certified Leadership Skills (Phoenix Leadership)

## Awards and Honors

- International Baccalaureate Diploma
- National Math Competition Mu Alpha Theta 7th