

CHAN WOO KIM

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EDUCATION

SHANGHAI AMERICAN SCHOOL PUXI CAMPUS

Shanghai, China
Cum. GPA: 3.8/4.0

SAT I: 1550/1600
(750/800) R&W (800/800) Math

PSAT/NMSQT: 1490/1520
(730/760) R&W (760/760) Math
SAT Math Level II: 800/800

LINKS

Github:// [codeandproduce](#)
LinkedIn:// [chanwkim](#)

COURSEWORK

HIGH SCHOOL

AP Seminar
AP Calculus BC
AP Physics 1
AP Psychology
AP Economics
IB Computer Science HL Y1
Intermediate High Chinese Year 2

Coming Year:

AP Physics C
AP Chemistry
AP Comparative Government
AP Research
AP English Language
IB Computer Science HL Y2
Multivariable Calculus

ONLINE CERTIFICATION

Certificate of Completion: Complete
Guide to Tensorflow for Deep learning
using Python
(Covered using TensorFlow to configure
CNNs, RNNs, OpenAI Gym, GANs, and
TensorFlow Abstractions API)

SKILLS

FULL-STACK DEVELOPMENT

Java • Shell • Front-End Javascript •
HTML • CSS • Python (TensorFlow,
SKlearn) • Node.js • \LaTeX
PostgreSQL • Docker • GraphQL •
MongoDB • Git

MUSIC PRODUCTION

Ableton Live • Serum • NI Massive

EXPERIENCE

AMPTONE RECORDS | CHIEF TECHNICAL OFFICER

June 2016 – present | Shanghai, China

- Aiming to provide a platform for students in Shanghai to publish music.
- Currently signed 8 artists, 6 with set release dates, 2 published in all major music platforms, filmed 2 music videos, 2 promotional videos, and organized concerts.

EDUGORA | FULL STACK DEVELOPER INTERN

November 2017 – December 2017 | Shanghai, China

- Learned and worked as a full-stack developer managing the database and APIs.
- Worked with: Node.js, PostgreSQL, GraphQL, Docker, Python.
- Daily work included writing new APIs, cleaning & documenting code, and maintaining & deploying development servers using Docker and Node.js.

MAIN PROJECTS | INDEPENDENT DEVELOPER

November 2017 – December 2017 | Shanghai, China

- WebHacks2017: Milky Task Management App- 1st place.
<https://milkyproject.herokuapp.com/> (Node.js, MongoDB, HTML, CSS, jQuery)
- ALI-OSS-GZIP - Node Module published on NPM with MIT License
- Helpline — Project Magnifi: NPO Project. Developed a chatroom service.
<http://helpline-projectmagnifi.herokuapp.com/>

RESEARCH

INTEL ISEF: A MACHINE LEARNING APPROACH TO MALWARE DETECTION | MACHINE LEARNING RESEARCH

June 2017 – Present

- Research aiming to apply widely used NLP methods to classify malware.
- Approach uses Windows API system call traces of benign and malicious programs.
- Yale Science and Engineering Award, an award given to 11th grade students presenting the best project in STEM fields.
- Best of Fair Award & Superior Award at the Intel Cup Sichuan Fair 2018.
- The paper was endorsed by a leading expert and were uploaded to the arXiv, an archive maintained by the Cornell University Library.

HONORS & AWARDS

2018	International	Yale Science and Engineering Award
2018	International	Intel Science and Engineering Fair Finalist
2018	National	Best of Fair Award, Superior Award Intel Cup Sichuan Fair
2017	International	Distinction: Canadian Senior Mathematics Contest
2018	School	Top 15 American Scholastic Mathematics Competition Scorer
2017	National	Mu Alpha Theta (Math Honor Society)
2017	National	Science National Honor Society
2017	National	National Honor Society
2018	National	National English Honor Society

SOCIETIES & EXTRA-CURRICULARS

2017	Founder/President	Developers' Hub: Teach students programming
2018	Publication Founder/Writer	Publication: Machine Learning Intuition
2017	Biweekly Lecturer	Computer Science Club
2017	Link Crew Leader	Link Crew
2016	Sprinter (Junior MVP)	Varsity Track & Field
2015	Winger (Top Try Scorer)	Varsity Rugby