Victor ChanYoung Cho

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LinkedIn | GitHub | Website

EDUCATION

University of Toronto, St George Campus

B.Sc. Candidate Cognitive Science   *Track: Computational Cognition*

Coursework: Software Design, Android Development, Databases, Statistical Theory, Seminar in Cognitive Science (Computational Cognition)

SKILLS

Languages: HTML/CSS/JavaScript, PowerShell, Java, Python, PostgreSQL
Tools: Git, Android Studio, Bootstrap, Docker, NoSQL, Amazon S3

PROFESSIONAL EXPERIENCE

Full-Stack Developer Intern, Novramedia (Stingray)   *May 2019 – Aug 2019*

- Developed website layout prototypes to create a compatible content delivery platform in various signage devices
- Automated scheduled digital signage data updates to maintain consistent flow of signage data
- Implemented a user list update functionality for a bank greeter project (BMO) to report Checkin usage
- Automated and tested device setups with the IT specialist team to assure optimal functionality before device deployment

Secondary School-level Physics Tutor, Freelance   *Sept 2017 – Dec 2017*

- Tutored grade 11, 12 physics to secondary school student to capture critical points lacking understanding
- Worked closely with student to guide them a step-by-step process of problem solving and reasoning

PROJECTS

Caption Prediction (2019): Built a python-based predictor that attempts to formulate related captions. Extracted scene caption nouns with NLTK. Gensim used to train the scene images and extract word vectors from user input. Cosine similarity used to compare the vectors.

"Game" Android App (2019): Developed an Android app which includes three different types of games with unique easter eggs with the Android Studio platform. User account registration performed by interacting with Firebase Database. A

"Integrex" Web App (2019): Developed a web application with javax.Swing that performs computation of definite integraks. Parsed user input with regular expressions to filter out various possible equations. ApacheCommons Math used for definite Integral computation.