Chunlok Lo

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EDUCATION

Georgia Institute of Technology – *Atlanta, GA*   Aug 2016 – *Present*
- Bachelor of Science in Computer Science   Expected Graduation: May 2020
- GPA: 4.0/4.0

EXPERIENCE

Software Engineering Intern – *The Home Depot*   May 2017 – Aug 2017
- Developed a dashboard for Contact Center Experience managers to analyze trending issues from over 3 million customer chat transcripts with a team of seven interns.
- Implemented semantic analysis algorithms in Python using NLP and machine learning libraries such as Gensim and Tensorflow to categorize customer chat transcripts
- Wrote bash scripts to automate daily database updates via GCP services and REST API endpoints

Undergraduate Researcher – *Algorithms and Graph Theory*   Aug 2017 – *Present*
- Conducted graph connectivity and coloring research project under Xingxing Yu

Teaching Assistant – *Data Structures and Algorithms*   Aug 2017 – *Present*
- Held 3 hours of office hours weekly for 500+ students to help students with coursework
- Taught weekly in 90 minutes recitations to a section of 50 students covering course material
- Wrote unit tests in Java to grade coding assignment

SKILLS

Programming Languages: Java, Python, R, PHP, JavaScript, C#, C++, Octave, SQL, C, HTML
Applications: Git, IntelliJ, Android Studio, Unity, PyCharm, Eclipse, Atom, Photoshop, Onshape, Creo
Languages: English (Native), Cantonese (Native), Mandarin (Fluent), French, Japanese

PROJECTS

School Information Web Scraper   Aug 2017
- Coded a script in R to automate the collection of school contact information from 600+ web pages
- Compiled gathered data in labeled csv files for uploading information to marketing agencies

Halite AI Bot   Dec 2016 – Apr 2017
- Constructed a rule-based agent in C++ that outperformed 80% of all competing bots
- Built a reinforcement learning agent by implementing policy networks in Tensorflow to compete against other AI agents in a strategy game

Badminton Tournament App   Nov 2016
- Optimized match priorities in a tournament organizer built in Java to improve operation efficiency
- Wrote scripts to automate Git commit and push calls to display the latest brackets on web pages.

Summarize Co.   Sep 2016
- Created a web application using Flask with a team of 4 for HackGT
- Utilized HTML, CSS, and various APIs to gather and display summarized information of companies

ACTIVITIES

Organizations: The Agency (AI Club), Big O CS Theory Club, GreyHat Information Security Club
Athletics: Georgia Tech Badminton Club (Coach), Fencing