

Kevin Chen

Education	University of Maryland <i>B.S in Computer Science and Mathematics</i> GPA: 3.8	2016 - 2020
Experience	Microsoft <i>Software Engineer Intern</i> <ul style="list-style-type: none">• Worked on the Azure Core Security team• Built distributed key exchange service between trusted execution environments, allowing for cluster wide (machine-agnostic) data persistence• Enabled Live Migration on Azure Confidential Compute• Created library for leader election/consensus in Azure rings• Designed anomaly detection system for system boot log monitoring at scale	Summer 2018
	Blackfynn <i>Software Engineer Intern</i> <ul style="list-style-type: none">• Worked on the platform and infrastructure team• Developed data ingestion service for timeseries data in Python/Scala/SQL• Created functionality for medical image deidentification	Summer 2017
	Genomics Lab at National Cancer Institute <i>Research Intern</i> <ul style="list-style-type: none">• Published paper in Bioinformatics (2018) on big data sequence processing• Published paper in Nucleic Acids Research (2016) on cancer genetics data analysis	Summer 2016
Teaching	University of Maryland <i>Teaching Assistant</i> <ul style="list-style-type: none">• CMSC422: Machine Learning with Professor Regli• CMSC398F: Reinforcement Learning with Professor Reggia• CMSC351: Algorithms with Professor Hajiaghayi	Fall 2018 Spring 2018 Fall 2017
Projects	Speechportal github.com/turtlehacks/speechportal <ul style="list-style-type: none">• 1st place (out of 300+ participants) at Johns Hopkins hackathon• webVR street-view mind palace with dynamically generated memory cues Quagmir github.com/kevchn/quagmir <ul style="list-style-type: none">• Received NIH grant to parallelize and deploy onto Cancer Genomics Cloud• Variational genomics sequencing analysis tool	
Extracurricular	ACM-ICPC, Startup Shell	
Skills	Proficient: C++, Python, Java Familiar: Golang, OCaml, Haskell, Scala, Javascript, Bash	