

JENNINGS ZHANG

+1 (240) 401-8226 ◊ jenni_zh@protonmail.com

EDUCATION

McGill University SCHOOL OF CONTINUING STUDIES First semester exchange student through Northeastern University's <i>N.U.in</i> program.	Montreal, QC <i>Fall 2018</i>
Northeastern University COMPUTER SCIENCE/BIOLOGY COMBINED MAJOR	Boston, MA <i>2019</i>
Montgomery College DUAL ENROLLMENT CMSC 260 Computer Security (CompTIA Security+) BIOL 210 Microbiology + lab	Rockville, MD <i>Fall 2017</i> <i>Spring 2018</i>
Thomas Sprigg Wootton HIGH SCHOOL	Rockville, MD <i>2014 - 2018</i>

COMPUTATIONAL SCIENCE

McGill Centre for Integrative Neuroscience MONTREAL NEUROLOGICAL INSTITUTE	Neuroinformatics <i>Fall 2018</i>
<ul style="list-style-type: none">· Developed a processing pipeline for fetal brain MRI scans.· Wrote Perl scripts to for the volumetric analysis of neuroimaging data in the MINC file format.· Contributed to the quantitative study of human developmental neuroanatomy.	
Siemens Math and Science Competition REGIONAL SEMIFINALIST	Environmental Science <i>Summer 2015</i>
<ul style="list-style-type: none">· Evaluated the potential relevance of monolayer nano-materials to the remediation of toxic gases.· Performed <i>ab initio</i> density functional theory calculations with ABINIT to find adsorption energies.	

HOSPITAL EXPERIENCE

Johns Hopkins Medical Institute SHADOW	Outpatient Clinic <i>Summer 2017 & 2018</i>
<ul style="list-style-type: none">· Recorded notes for a neurologist during patient examination and quantitative dynamometry.· Gained understanding of the clinical presentation for myasthenia gravis and demyelinating diseases.	
McGill University Health Centre VOLUNTEER	Montreal General Hospital <i>Fall 2018</i>
Visited patients, offering them gratuitous coffee and tea.	

SOFTWARE PROJECTS

MIAN	gitlab.com/jennydaman/bujiaohao
<ul style="list-style-type: none">· Side project during a summer job for a restaurant, independently developed and self-hosted.· Full-stack vue.js SPA for displaying ready order numbers on a smartTV.	
Wootton Red Team	https://twlinux.github.io
Created beginner-friendly resources for learning basic Linux concepts and penetration testing.	

TECHNICAL SKILLS

Web Stack	HTML5, CSS3, modern ES6 frameworks such as Vue and Preact using webpack.
GNU/Linux	System administration and problem solving on Arch Linux, Ubuntu, and Fedora.
Programming	JavaScript, Java, Python 3