

Nola Chen

INFO

Available January to August 2018

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🌐 nolachen.com

SKILLS

Languages

- JavaScript (ES6)
- Java
- HTML/CSS
- SQL
- familiar with Python

Frameworks/Tools

- jQuery
- React.js + Redux
- Backbone.js
- Bootstrap
- Subversion + Git

Software

- IntelliJ IDEA
- Adobe Photoshop
- Adobe Lightroom

COURSEWORK

- Object Oriented Design
- Algorithms & Data
- Database Design
- Computer Systems
- Probability & Statistics
- Theory of Computation

INTERESTS

- (Concert) photography
- Molecular biology
- Hiking + traveling

EDUCATION

Northeastern University *Expected May 2019 • GPA: 3.79/4.00*
College of Computer & Information Science

Candidate for a Bachelor of Science in Computer Science

Minors in Biology and Mathematics

Activities: University Honors Program, NU Association for Computing Machinery, Tastemakers music magazine photo director, NU Women in Tech, CCIS peer tutoring, CCIS fellow

EXPERIENCE

Novartis Institutes for BioMedical Research

Software Engineering Co-op

Jan 2017 to June 2017 • Cambridge, MA

- Developed web-based applications to support internal scientific research
- Collaborated with a global team using agile methodologies to maintain a genomics study manager application
- Explored integrating new technologies such as React.js, Redux, and AWS cloud tools into the existing tech stack (Backbone.js, Java, Oracle)

Northeastern College of Computer & Information Science

Teaching Assistant and Tutor

Sept 2016 to present • Boston, MA

- Courses assisted include Fundamentals of Computer Science II and Object Oriented Design
- Led office hours & lab sections to tutor students individually
- Graded homework assignments & exams

National Institutes of Health

Research Intern at National Center for Biotechnology Information

June 2016 to Aug 2016 • Bethesda, MD

- Improved the clusters of orthologous groups database through naming & organizing over 2000 proteins
- Completed project: "Improving the Giardia proteome annotation using clusters of orthologous domains"

Children's National Medical Center

Research Intern at Center for Genetic Medicine Research

June 2014 to Aug 2014 • Washington, DC

- Designed project: "Evaluation of oxidative stress response genes in facioscapulohumeral muscular dystrophy myoblasts"
- Gained experience in cell culture, RT-PCR, & qPCR