

# NICHOLAS WEBB

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## EDUCATION

### University of North Carolina at Chapel Hill

2013 to 2017

- Chemistry BS (biochemistry track) – GPA 3.06 (Dean's List 2016)
  - Coursework: General, Organic, Analytical, Inorganic, and Biochemistry, Physical Chemistry, Quantum Chemistry, Synthetic Chemistry
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## EXPERIENCE

### Web Design

2014 to present

- Web development, production of HTML/JS lock-screens and widgets for iPhones and iPads to sell online
- Also engaged in customer service and technical support for products
- Initially self-taught, later underwent additional training with Udemy

### Systems Modelling Research

2016

- Worked on a team to develop a model for the effects of disorder and anisotropy on conductance of third and fourth dimensional cubic lattices
- Primary role was to develop the code to create the model in MATLAB
- Under the guidance of Dr. Andrew Moran as part of my Quantum Chemistry studies

### Chemistry Tutor

2015 to present

- Tutoring high school and college students for various chemistry and biology courses
- Work both for pay and as a volunteer with the UNC chemistry resource center, online with Chegg/InstaEdu

### Invited Carolina Research Scholars Program (I-CRSP)

2013 to 2017

- Part of the larger Excel Carolina program, grants access to specialized research resources and advisors
- Includes additional research driven classes and independent research projects

### Eager to Be Healthy Podcast

2015

- Science Advisor, researched health related science and ensured the host was well informed on the monthly podcast's topic, also engaged in post-production work
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## ADDITIONAL ACTIVITIES

### Sigma Alpha Lambda Honor Society VP

2014 to 2017

- Became the VP of Community Service of the UNC chapter in 2015
- Became both VP of Membership and Chapter Treasurer in 2016
- Responsible for finding volunteering opportunities, recruiting new members, and funding

### Compass Center for Women and Families Advocate

2017

- Served victims of interpersonal violence by responding to hotline calls and meeting with survivors in person to provide crisis intervention, emotional support, court advocacy, and community service referrals

### Amazon Seller

2015 to present

- Managing a small business selling software and other items online in the Amazon marketplace

### Duke Talent Identification Program Institute of Human Genetics

2012

- Summer program for science students at Duke University, included laboratory work isolating human DNA
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## SKILLS

- Web development (HTML/CSS/JS), PC and Mac operating systems, Microsoft Office
- Spectrophotometry, agarose gel electrophoresis, SDS-PAGE, NMR spectroscopy, GC-MS, PCR, general lab work, and can quickly learn new techniques
- Proficient pianist, especially with improvisation