

Nicole Kleinmann
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[Portfolio](#) [Linkedin](#) [Github](#)

SUMMARY

Full Stack Web Developer with a background in math and computer science education. Passionate about making math and computer science education relevant, engaging, and meaningful to every learner.

TECHNICAL SKILLS

HTML; CSS and CSS Frameworks: Bootstrap, Materialize; JavaScript, jQuery; AJAX and API requests; Git, Github; Node.js

PROJECTS

[Weather Dashboard](#), [Github repository link](#)

- Displays the daily and five day weather for the user's searched city.
- Technologies used: HTML, CSS Framework: Materialize, JavaScript, jQuery, AJAX and API requests, Github

[Daily Planner](#), [Github repository link](#)

- Provides a daily planner for a 9am-5pm work day. Users can type in reminders, save relevant info, and retrieve for later use.
- Technologies used: HTML, CSS Framework: Bootstrap, JavaScript, jQuery, Github

[Coding Quiz](#), [Github repository link](#)

- JavaScript coding quiz that dynamically adds html elements to screen. User needs to be careful of timer and can add score to high score board for later use.
- Technologies used: HTML, CSS Framework: Bootstrap, JavaScript, jQuery, Github

CERTIFICATE AND LICENSES

- Bootcamp Certificate: University of New Hampshire, Durham, NH
- Massachusetts Certification, Mathematics, Grades 7-12: Communications and Literacy Skills Test, Subject Test: Mathematics
- New Hampshire Certification, Mathematics, Upper Level (Pre-Algebra to AP Math)

EDUCATION

UNH Coding Bootcamp, Remote June - Present
UNH Professional Development Certificate in Full Stack Web Development

Boston University, School of Education, Boston, MA May 2018 - May 2020
Master of Education in Mathematics Education, GPA: 4.0, Recipient of Lovida Hardin Coleman Scholarship

Boston College, Lynch School of Education, Chestnut Hill, MA May 2016
Double Major in Math and Secondary Education, GPA: 3.49

University of New South Wales, Sydney, Australia June - December 2014

WORK AND LEADERSHIP EXPERIENCE

Mathspace, Remote: Company based in Sydney, Australia July 2020 - Present
Curriculum and Content Developer

- Develop problem templates, worksheets, and student reference materials for a Florida curriculum.
- Scope curriculum for Algebra I and Geometry based on Florida BEST standards.
- Use agile/scrum framework daily and use Jira board for task management.

Waltham High School, Waltham, MA August 2016 – July 2020
Math and Computer Science Teacher, Mentor Teacher

- Teach Pre-Calculus, Algebra II, Introduction to Programming (Scratch, Web Design, and Python) classes each ranging from fifteen to twenty-five students (ages 15-18).
- Start and teach the first cybersecurity course at Waltham High School. There were 13 students in the class the first year and grew to 20 students enrolled the following year (ages 15-18).
- Organize Computer Science education week at Waltham High School, including a computer science conference for students where 25 volunteers from nearby tech companies led sessions for students. Sample sessions; Meet a Hacker, CS Career Panel.
- Attend computer science professional development and am certified to teach UTEACH CS Principles.
- Presented at a CSTA Conference with a co-worker about CS Ed-week at Waltham High School (Fall, 2018).

Girls Who Code Facilitator

August 2017 – July 2020

- Host weekly meetings where High School girls learn how to code in Scratch, HTML, Python, or Java.

Freshmen Mentor Co-Advisor

June 2019 - July 2020

- Plan, organize, and lead Freshmen orientation events for over 400 Freshmen and plan community events throughout the year.

Girls Who Code, Boston, Massachusetts

Girls Who Code Boston Site Lead

July - August 2018

- Observe two sites and give feedback to teachers regarding the program and be the liaison with Girls Who Code administration, parents/guardians of girls attending camp, and teachers.

Leading Out, Melbourne, Australia

Leading Out Educator

July – August 2016

- Taught High School Math in an all-boys Turkish School in Melbourne, Australia as well as other disciplines such as; physical education, library skills, and elementary English near Melbourne, Australia.

ACTIVITIES/INTERESTS

Ran Boston and New York City Marathon. Training to run the Berlin Marathon in 2021.