

Andrew Levy

SCHOOL ADDRESS
51 Fruit Street, 2nd Floor
Worcester, MA 01609

(203) 695-3099
amlevy@wpi.edu
www.andrew-levy.com

HOME ADDRESS
478 Woodpond Road
Cheshire, CT 06410

OBJECTIVE: Full-time position in web development, software engineering, or full-stack development

EDUCATION: **Worcester Polytechnic Institute (WPI)**, Worcester, MA
Bachelor of Science, Expected May 2020. Current GPA: 3.63
Computer Science Major; Interactive Media and Game Development Minor
Relevant Courses – Software Engineering, Webware, Operating Systems, Algorithms, Computer Architecture, Systems Programming, Object-Oriented Design, Machine Organization and Assembly, Discrete Mathematics, Differential Equations

SKILLS: **Languages** – Javascript, C, Java, Python, HTML5, CSS, JQuery, ReactJS, Node.js
Tools – Git/GitHub, Eclipse, IntelliJ, Visual Studio Code, Microsoft Office, Unreal Engine

PROJECTS: **Software Engineering**, *Algol Meeting Scheduler*, Oct. 2018 – Dec. 2018, WPI Project, Worcester, MA

- Worked with a team of four to build an online meeting scheduler web application.
- Used Amazon Web Services API Gateway, Lambda, RDS, S3, and VPC for the site hosting and back-end. Built the front-end design using AngularJS.
- Utilized entity-boundary-controller (EBC) pattern, UML diagrams, and object-oriented design principles.

Webware, *Codenames Online*, Oct. 2019, WPI Project, Worcester, MA

- Worked with a team of three to create a web application based on the card game, Codenames.
- Utilizes Express, sessions, and sockets for real time interactivity and maintaining game state.
- Uses React front-end framework that dynamically renders DOM elements for players.

Interactive Qualifying Project, *Opening Doors to History: Improving the Self-Guided Tour Experience at the Grabser Mühlbach*, Aug. – Oct. 2018, WPI Project, Grabs, Switzerland

- Researched and collected data of similar historical sites and museums such as Sturbridge Village (MA) and Zürich's Landesmuseum.
- Created new model website, added QR codes, developed interactive online maps, and made recommendations for future enhancements to the Grabser Mühlbach association.

WORK

EXPERIENCE: **Instructor**, Summer 2019, iD Tech, Wesleyan University, Middletown, CT

- Taught students various subjects including Python, building a PC, Raspberry Pi, Unreal Engine, game design, Streamlabs OBS, Photoshop.

Camp Counselor, Summer 2014 – 2018, YMCA Camp Sloper, Southington, CT

- Involved in leading large group activities and specialty camps.
- Responsible for keeping kids safe as well as making sure they have fun and grow as individuals.
- 2018 Counselor of the Session (selected by peers).

ACTIVITIES: **Beta Theta Pi Fraternity – Eta Tau Chapter**, WPI, Dec. 2016 – Present

- Social Media Chair, Judicial Board, Community Service, Campus Events

Intramural Sports, WPI, Aug. 2016 – Present

- Volleyball, Ultimate Frisbee