Karyna Yen

Boston, MA | yen.k@northeastern.edu | + 1 (408) 505-5067

linkedin.com/in/karynayen   github.com/karynayen   karynayen.com

EDUCATION

Northeastern University, Khoury College of Computer Sciences, Boston, MA   *Sept. 2021 - Present*
Candidate for Bachelor's of Science in Computer Science, Minor in Psychology
GPA/Awards: Dean's Merit Scholarship, 4.0 GPA, Dean's List: Fall 2021, Spring 2022
Activities: HackBeanpot Core Team, Oasis Software Development Club
Hackathon Wins: HackBeanpot (Intergalactic Inclusion Award, Top 11 Projects), White Hall Hackathon (Overall Winner), Los Altos Hacks (Best Beginner Hack)

TECHNICAL KNOWLEDGE

Languages: Java, JavaScript, TypeScript, HTML5, CSS, Python, Racket
Frameworks & Libraries: React.js, JUnit5, JavaFX, Swing, Bootstrap, Material UI
Tools: Git/Github, Figma, JetBrains Suite, Visual Studio Code, Eclipse, Jupyter Notebook, WIX,
Skills: Object Oriented Design, Test Driven Programming, Full Stack Web Development

EXPERIENCE

Social Outreach Organizer and Web Developer   *2022 - present*
HackBeanpot, Northeastern University | Boston, MA
- Maintain and improve applications portal.
- Migrate internal tools webpage from JQuery to React.js.
- Utilize Mailgun API, MUI, and React.js to develop an email sender tool.
- Responsible for outreach initiatives to increase diversity at the Hackathon event.

Discrete Structures Teaching Assistant   *2022 - present*
Khoury College of Computer Sciences, Northeastern University | Boston, MA
- Utilized multimedia applications to tutor remotely via Zoom

Notetaker   *2021 - present*
Northeastern University DRC | Boston, MA
- Responsible for taking over 350 pages of legible and organized class notes to ensure that Northeastern University students have a comprehensive record of Introduction to Mathematical Researning, Knowledge in a Digital World, and Object Oriented Design (CS 3500).

Oasis Software Developer   *2022 - 2022*
Northeastern University | Boston, MA
- 8 week web development workshop where I worked in a team of 4 to develop an academic planning website.
- Learn how to use Github for version control, Figma for ideation and design, utilizing MUI, TypeScript, and React.JS.

Outreach Director   *2019 - 2021*
Los Altos Hacks | Los Altos, CA
- Co-organized the nation's second-largest virtual high school hackathon with over 300 attendees
- Managed all social media platforms and strategized global outreach initiatives.
- Mentored Web Development workshop.
- Coordinated team meetings, delegated weekly assignments, streamlined operational efficiency for future directors.

PROJECTS

Oh Duck! | JS, CSS, HTML, Python, GitHub | github.com/v-bow/ohDuck
WINNER: Intergalactic Inclusion Award - Most impact for the Boston community
- The Internet is a scary place, so why not bring along some ducks to help you feel safe! Worked in a team of 4 to develop a Chrome extension that replaces profane words with an adorable duck emoji.

Image Processor | Java, Java Swing | (project available upon request)
- Utilizes Java Swing to develop a GUI based Image Processor with the capacity to load and save new images, apply various filters and transformations, and downscale an image.
- Implements Model-View-Controller paradigm and the Command design pattern.

Email Sender (HBP) | React.js, TypeScript, MongoDB, Node.js | *github.com/HackBeanpot/internal-tools*
- Bulk email sender which allows the customized flexibility of pre made email templates
- Integrates *Mailgun API* for email sending, and *NextAuth* for website authentication

Elevator Simulation State Machine | Java, JavaFX | (project available upon request)
- Models elevator functionality using a finite state machine to determine the more efficient configuration. The elevator has a configurable capacity, vertical speed, rate at which the doors open and close, and how many passengers can board/exit.

OTHER INTERESTS

Outside of developing, I've been a competitive swimmer for the past 10 years and a current member of the Northeastern Swim Club and Triathlon Team. During the summer I work as a swim instructor to give back to the swimming community. I also enjoy skiing and hiking! I am always interested in learning new skills. Currently I am learning Mandarin, unicycling, and snowboarding!