

# Nadya Kadayifci

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## EDUCATION

**Stony Brook University, Stony Brook, NY**  
Bachelor of Science in Computer Science  
Specialization in Human-Computer Interaction

*September 2014 – December 2018*

## EXPERIENCE

**Freelance Web Developer**

*February 2019 – May 2019*

- Designed and developed a responsive portfolio website for client using HTML, CSS, JavaScript
- Configured custom domain and utilized various JavaScript libraries and plugins to improve user experience

**Front End Intern, Comodo Security Solutions, Clifton, NJ**

*June 2018 – August 2018*

- Redesigned sections of company website by creating front-end wireframes and design assets using Adobe Photoshop and Illustrator
- Constructed design hypotheses for A/B testing to increase conversion
- Gathered research on MECLABS conversion rates, micro-interactions, and design styles such as flat and material

**Software Development Intern, Syncsort, Pearl River, NY**

*June 2017 – July 2017*

- Extended Python script to verify and update tickets through git commits using the Jira Python API
- Implemented a tool for developers to analyze test results of two product builds using Spring MVC, Java, HTML/Bootstrap, and MySQL database
- Submitted code through Git for deployment and code review

## PROJECTS

**Automated U.S. Districting**

- Generates a districting of the U.S. based on user input with a goal to reduce gerrymandering
- Displays live results on a GUI using Google Maps API with real precinct data
- Uses Java for backend, HTML/CSS, JavaScript, jQuery, and Ajax for client-server interaction

**Travel Agency Website**

- Allows users to search and book flights, cruises, hotels, or car rentals based on criteria
- Utilizes a database designed from scratch using MySQL and Python Flask for backend

**Dynamic Memory Allocator**

- Dynamically allocates virtual memory in C using a segregated free list with a buddy system and immediate coalescing for freeing memory
- Passes custom unit tests written using Criterion for C

**UML Class Designer**

- Allows users to design UML class diagrams, save/load, and export diagrams to skeleton code
- Utilizes Java for backend, JavaFX for the GUI, and XML for saving and reloading data

## INVOLVEMENT

**Undergraduate Teaching Assistant**

**Stony Brook University, Stony Brook, NY**

*September 2016 – December 2016*

- Conducted weekly labs of 30 students for the Introduction to Computer Science course
- Assisted students with Python programming through e-mail and class forum

## SKILLS

**Languages:** Java, Python, JavaScript/jQuery, HTML/CSS, C, C#, MIPS Assembly

**Technologies:** Git, command-line/terminal, MySQL, Ajax, D3.js, Eclipse, NetBeans, Dreamweaver

**Fluent in:** Object-oriented Programming (OOP), Relational Database Design, English, Turkish