Nadya Kadayifci

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EDUCATION

Stony Brook University, Stony Brook, NY   *September 2014 – December 2018*
Bachelor of Science in Computer Science
Specialization: Human-Computer Interaction

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, Ajax, D3.js, Eclipse, NetBeans, Dreamweaver
Databases: Relational Database Design, MySQL
Fluent in: Object-oriented programming, English, Turkish