

Kevin Tu

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EXPERIENCE

BU Spark! | Technical Innovation Fellow

September 2020 – Present | Boston, MA

- Developing and designing a web app using React.js to improve health clinic's efficiency by utilizing Telemedicine with a team of 4 engineers
- Integrating the UI with HIPAA compliant Zoom, Calendly APIs, and a REST backend
- Constructed wireframes, database architectures, tech stack, and interviewed nearby clinics

Partners Healthcare | IS Logistics Intern

June 2016 – August 2018 | Boston, MA

- Imported reports to the Critical IS Warehouse Database (Archer)
- Conducted safety protocol to appropriately wipe out confidential information before disposing of devices
- Supported the risk management department by debugging technical issues related to the UI of Archer
- Designed a user-friendly website with HTML/CSS and JavaScript for vendors to easily request a risk assessment

PROJECTS

Interpreter | Individual Course Project (Ocaml)

- Developed an interpreter for a small, Ocaml-like, stack-based bytecode language that reads input files filled with commands and executes them to produce the result in output files
- Implemented by utilizing pattern matching

Social Media App | Individual Course Project (Java)

- Programmed a simple social media app by implementing multi-threaded programs (Server and Users), application-layer protocols and multicast communications.
- Able to run on Linux clusters

Recipes App | Personal Project (React)

- Developed a web app by using Edamam's Recipe API that allows users to search for recipes to cook while also informing them about the estimated Calorie count.

EXTRACURRICULAR

Boston University Men's Volleyball Club Team

September 2018 - Present

- Attended weekly practices, lead setter drills, and traveled the country to compete against other colleges
- Placed 5th in National Collegiate Volleyball Federation Tournament in Denver

EDUCATION

Boston University

B.A. in Computer Science

Expected May 2022 | Boston, MA

Cumulative GPA: 3.43

RELEVANT COURSES

Completed

Data Structures

Discrete Mathematics

Geometric Algorithms

Analysis of Algorithms

Probability in Computing

Computer Systems

Linear Algebra

Queuing Theory

In Progress

Networks

TECHNICAL SKILLS

Programming

Proficient in:

Java, Python, Ocaml, HTML, and CSS

Basic in:

C and JavaScript

Frameworks/Libraries

React

Tools

Eclipse, Visual Studio Code,

Jupyter, Linux, LaTeX, and

GitHub

Languages

Proficient Mandarin

Basic Cantonese

LINKS

Github// kevintu2

LinkedIn// kevintu22