

# Daniel Kramer

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## EDUCATION

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**Stevens Institute of Technology** | Hoboken, NJ

*Bachelor of Science, Computer Science; Minor in Quantitative Finance* | **3.76 GPA**

Expected: Dec. 2020

**Honors:** Upsilon Pi Epsilon (Computer Science Honor Society), Dean's List

**Top Coursework:** Advanced Web Development, Systems Programming, Algorithms, Data Structures, Agile Methods, Database Management Systems, Computation Theory, Discrete Structures, Statistics, Linear Algebra, Finance, Derivatives, Risk Management, IT Security

## SKILLS

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**Languages:** Python, JavaScript, C, C++, Java, R

**Web Technologies:** Node.js, React, TypeScript, HTML, CSS, Bootstrap

**Software/Systems:** Unix, Git, Bash, MongoDB, MySQL, GCP/Firebase

## WORK EXPERIENCE

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**IBM** | Southbury, CT

June 2020 – Aug. 2020

*Front End Dev Intern*

- Current Summer 2020 Internship

**Stevens Institute of Technology** | Hoboken, NJ

Jan. 2019 – May 2020

*Course Assistant (Web Programming II, Discrete Structures, Automata and Computation)*

- Assisted professor with creating and grading exercises, projects, and exams
- Reviewed exams and answered questions about lecture and homework content and technologies in weekly office hours
- Led weekly lab of 12 students, reviewing content from recent lectures and helping debug scheme programs

## RELATED EXPERIENCE

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**RUIn** | Remote | [ruingaming.io](http://ruingaming.io)

Sep. 2019 – May 2020

*Senior Design Project (one semester early start!)*

- Created and iterated on a complete site re-design with Figma
- Implemented game rooms and pair-programmed to help implement user dashboard and room details screens
- Led team of five developers for six weeks as project manager (responsible for task delegation, communication between client and team, and keeping everyone on schedule, in addition to my responsibilities as a developer)
- Responsible for migrating from AngularJS1 to React and delivering updated website based on the Figma design

**Stevens Institute of Technology** | Hoboken, NJ

May 2019 – Dec. 2019

*Technical Undergraduate Student Research*

- Created a web scraper using **Node.js** to download images and quantitative metrics from data sets of submitted computer vision algorithms
- Developed programs in **Python** to correlate select algorithms and estimate error in individual heat maps
- Continue to work with professor and student researchers to assess characteristics of computer vision algorithms

**Forkist** | Hoboken, NJ | [forkist.com](http://forkist.com)

Sep. 2019 – Dec. 2019

*Full-Stack Web Development Project*

- Created API routes in **Express** for user logs
- Introduced relay server to pass requests between website and API when needed
- Implemented sign in and authorization through Forkist or third party (Google, Facebook) account
- Optimized website with server-side rendering and SEO improvements using **React** and **Next.js**

## HOBBIES & ACTIVITIES

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Taekwondo (Black Belt), Stevens Computer Science Club, Hackathons/Conventions, Personal Finance & Investing, Hiking, Sailing, Strategy and Simulation, Cooking

U.S. Citizen