Ryan Drew

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Available January – September 2020

Education

Northeastern University, Boston, MA	Sep 2017—Present

Khoury College of Computer Sciences | Candidate for BS in Computer Science, May 2021

GPA:	3.73/4.00
Activities:	Distilled Harmony A Cappella (President), TA for Accelerated Fundamentals of CS 1
Relevant Courses:	Algorithms & Data, Computer Systems, Networks & Distributed Systems, Object-Oriented Design, Building Extensible Systems (Capstone), Physics I & II

Projects

SearchTRACE – *Co-Creator*	Apr 2019 – Present

Designed and implemented the frontend using React for an application to present Northeastern course review data in an intuitive and easy-to-use way. Received the Design Award for UI/UX at HackDartmouth 2019.

Gatsby, Webpack – *Contributor*	Mar 2019 – Present

Add features, fix bugs, and write documentation for two open-source packages used by millions of projects.

Identity Crisis – *Co-Creator*	Mar 2018

Created a Python application to scrape Twitter for players' "embarrassing" tweets and compare them to high activity celebrity tweets for similarity. Received the 2nd place prize at HackDartmouth 2018.

Computer Knowledge

Languages:	JavaScript, Python, Java, HTML, CSS, Racket/Scheme
Frameworks/Tools:	React, NodeJS, Webpack, Django, Selenium, Jenkins, NGINX, Git, Vim, Figma

Work Experience

Paperless Parts – *Software Engineering Co-op*	Jan 2019 – Aug 2019

- Designed and implemented robust solutions to product requests and bugs using React and Django, while providing impactful feedback on peer code
- Increased frontend build performance by over 60% by rewriting the build process using Webpack
- Managed all QA systems, including tasks such as design, development and deployment of a CI-integrated end-to-end testing solution with Selenium
- Built and deployed public uptime tracking application, gathering data on application frontend/backend uptime used as a measurement of site performance at company-wide meetings

Sandbox at Northeastern – *Executive Director & Co-founder*	Oct 2018 – Present

- Founded a software consulting organization with 25 members building applications for researchers
- Lead a team of developers in the construction of a JavaScript web application for psychology research, applying Agile methodologies to ensure client satisfaction and excellence of product
- Lead design and development of the organization's website with Gatsby (React) and Figma, maintaining the project's Github issues and reviewing pull requests from open-source contributors

Interests

- Distance running, UI/UX design, music performance, personal health, open-source software