

Grant Kayes

Software Engineer | UI Designer

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Work Experience

NORTHWESTERN UNIVERSITY, ASSOCIATE SOFTWARE DEVELOPER

Jan 2019 - Dec 2020

- Led redesign of RADD Chat, a voice and text messaging application used by research faculty: created stunning mockups and planned development of reusable components, transforming RADD Chat into a sleek and intuitive experience.
- Built application prototypes to secure project funding, helping to bring on 4 new research projects.
- Collaborated with senior engineers to develop robust application testing suite using Ruby on Rails and Minitest, eliminating over 50+ sporadic test errors from data inconsistency and greatly reducing test failure noise.

PROCORE, SOFTWARE ENGINEERING INTERN

Jul 2018 - Oct 2018

- Assisted in designing and developing onboarding micro-service for the Procore platform - securing a large financial contract with a major Australia-based construction company on completion of this feature.
- Developed stack overflow-like question and answer web application using React, creating a reliable knowledge base for several thousand employees at Procore.

BENEFIX, PLATFORM ENGINEERING INTERN

May 2017 - Aug 2017

- Created application to process healthcare plan PDFs, extracting pricing data and streamlining process from a duration of hours per document by hand, to minutes.
- Designed infographics and product mockups with Sketch, helping to secure 100k in seed funding from local investors.

Education

GEORGETOWN UNIVERSITY

2013 - 2018

Bachelor of Arts in Computer Science, Minor in Japanese Language & Culture.

Coursework included Information Assurance, Big Data Analytics, Database Engineering, and Artificial Intelligence.

Programming Languages and Technologies

Proficient with JavaScript, Ruby on Rails, Postgres, HTML/CSS, and Figma.

Familiar with React, Java, NodeJS, Python, and NoSQL Databases.