

Francis Kim

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Software Developer

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Projects

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Skills

Ruby, Rails, SQL, jQuery,
JavaScript, React.js,
Flux, Git, HTML5, CSS,
MaxMSP, Processing

Cruddyreads: a full stack web app inspired by Goodreads, built with Rails and React.

- Securely encrypts passwords with front and back end validations. Also permits Twitter login through OmniAuth.
- Uses AWS3 to store images remotely in the cloud for scalability.
- React lifecycle methods and Flux architecture allow for dynamic interaction with page content.

Quindici: a browser game inspired by the classic Game of 15 puzzle.

- Uses jQuery listeners and CSS hover-overs to respond to user interaction and change game state.
- Employs a custom algorithm to ensure that the game begins only with winnable tile positions.

myQuery: a lightweight JavaScript library for DOM manipulation

- Simplifies common DOM tasks such as getting/setting attributes and making AJAX requests.
- HTML content and CSS classes can be added and removed easily.

Education

App Academy, 2016

12-week full-stack development bootcamp with < 5% acceptance rate

Yale University School of Music, M.M., Organ Performance, GPA: 3.85, 2013–15

- Recipient of Full Merit Scholarship and Fellowship
- Recipient of Charles Ives Prize for Organ

Catholic University of America, Graduate studies in Philosophy, 2007–08

University of Louisville, B.A., Philosophy, GPA: 3.65, 2005–07

Oberlin College Conservatory of Music, Piano Performance, 2002–05

- Recipient of Conservatory Dean's Scholarship

Experience

Associate Music Director at St. Pius X Church, Scarsdale, NY, 2015–16

Directed the choir and played organ for a congregation of > 1,000. Taught music lessons to parish children.

Instructor at the Yale School of Music, New Haven, CT, 2013–15

Taught weekly organ lessons to Yale students. Students received school credit for their lessons.

Director of Music at St. Stephen Martyr Church, Washington, DC, 2010–12

Played organ for all services and conducted a choir of 8 paid singers. Led the process of hiring new singers.