

# Michael Hankin

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<https://github.com/mhank>

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## Experience

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- athenahealth** Austin, TX  
*Senior Member of Technical Staff* *Jun 2019 - Present*
  - Built responsive React component library powering appointment scheduling web apps for thousands of users
  - Developed GraphQL back-end to simplify client-side consumption of FHIR data from multiple REST API microservices, using TypeScript, Node, and Apollo
  - Integrated Jenkins CI/CD pipeline to automate code verification, testing, and deployment from Azure Resource Manager templates, accelerating delivery of new features
- athenahealth** Austin, TX  
*Member of Technical Staff* *Feb 2018 - Jun 2019*
  - Developed suite of cross-browser compatible React widgets implementing care management functionality, enabling integration into flagship EHR and population health web apps with hundreds of thousands of users
  - Architected and built robust WYSIWYG editor for custom clinical assessments with TypeScript, React, and Apollo, collaborating with back-end team to establish working API contract
  - Led migration of CMS web app from deprecated AngularJS/Gulp framework to React/webpack, including Jest/Enzyme/Cypress testing suite
- athenahealth** Austin, TX  
*Software Engineering Intern* *May 2017 - Dec 2017*
  - Built provider-facing appointment management dashboard using React, Redux, and Apollo
  - Wrote end-to-end Google Calendar integration for appointment scheduling web app in Perl
- Rocket Software** Austin, TX  
*Software Engineering Intern* *May 2016 - Dec 2016*
  - Developed Apache Spark pipeline in Scala to generate forecasts on time series IMS/DB2 metrics data
  - Enhanced existing monitoring dashboard to incorporate forecast data using Java and Dojo toolkit
- Pascalor** Richardson, TX  
*Software Engineering Intern* *May 2015 - Aug 2015*
  - Developed C++/Java applications for IoT devices utilizing lab fabricated pressure/temperature sensors

## Projects

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- AstroYum**
  - JavaScript, React - Meal planning dashboard designed for the fledgling space tourism industry*
    - Won at the 2019 athenahealth Employee Hackathon in Austin, TX
    - Implemented voice commands and facial recognition via Web Speech API and face-api.js
- Enaml**
  - PHP, Laravel - Dental service marketplace matching uninsured Americans with philanthropic dental providers*
    - Won at the 2017 athenahealth MDP Hackathon in Austin, TX
    - Utilized athenaNet API for management of patient EHRs to create cross-practice medical passport

## Skills

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- Languages:** TypeScript & JavaScript, GraphQL, HTML5, CSS3 & SCSS, Python, SQL, Java, Scala, Bash
- Software & Libraries:** Git, React, Apollo GraphQL, Jest, Enzyme, Cypress, Node, webpack, ESLint, Jenkins, Azure, Docker, Linux, AngularJS, PostgreSQL, L<sup>A</sup>T<sub>E</sub>X, Adobe Creative Cloud

## Education

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- The University of Texas at Austin** Austin, TX  
*BSc Computer Science* *May 2015 - Dec 2017*
- The University of Texas at Dallas** Richardson, TX  
*BSc Computer Science* *Aug 2014 - May 2015*