

# Andy Hinh

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## EDUCATION

### Bachelor of Science in Computer Science, Mathematics Minor

University of Houston, College of Natural Sciences and Mathematics, Houston, Texas

May 2018

GPA: 3.6

## WORK EXPERIENCE

### Microsoft

August 2016 – Present

#### Student Partner

- Represent Microsoft at the University of Houston by promoting Microsoft brand and its technologies on campus
- Organize and execute various workshops, talks, and events on the capabilities of Microsoft technologies

### PROS

June 2016 – August 2016

#### Product Development Intern

- Utilized Node, React, D3.js, Mocha and RESTful API to work on projects that benefited Airline products
- Utilized Java and Mockito to develop and test database latency monitoring feature
- Interacted with UX team, Architects, and PMs to implement new features such as a new tooltip using D3.js

## SKILLS

- |             |         |              |           |                |
|-------------|---------|--------------|-----------|----------------|
| • Agile     | • CSS3  | • Java       | • Meteor  | • Node.js      |
| • Bootstrap | • Git   | • Javascript | • Mocha   | • React        |
| • C++       | • HTML5 | • Linux      | • MongoDB | • React Native |

## LEADERSHIP

### Director of CodeRED Hackathon – CodeRED Curiosity – CougarCS

May 2016 – Present

- Reach out to companies for sponsorship and for organizing the venue, food, workshops, and transportation

### Lead Regional Organizer and Evangelist – CodeDay Houston – StudentRND

November 2015 – November 2016

- Organize a 24-hour coding and hardware marathon geared towards high school and novice students
- Execute 8 technical workshops of various products on subjects such as JS, web development, and game development

### Deputy Director of CodeRED Hackathon – CodeRED Liftoff – CougarCS

November 2015 – May 2016

- Organized the CodeRED's internal operations such as the layout of the event and accommodation of the sponsors

## PROJECTS

### FarmerHack – SHPE National Conference

November 2016

- Utilized React, D3.js, moment.js, and Canvas.js to create a web application to view farmer's status
- Created a real-time number rendering for each individual farmer's heart rate and temperature

### CodeRED All-Purpose Mobile App – CodeRED Curiosity

October 2016

- Build a cross-platform mobile app using Meteor, React Native, Node.js, and MongoDB
- Ability to have reactive view of announcements, available food, and challenges
- Connected endpoints of the backend to return objects to the mobile app to render accordingly

### CodeRED Website – <https://uhcode.red/> – CodeRED Curiosity

October 2016

- Managed the sponsors and styling of the website using HTML, CSS, and Bootstrap
- Added sections on the website based on requirements

### Your Own Lunch Optimizer – PROS Hackathon

July 2016

- Designed a voting app for groups to make decisions on where to eat using React Native
- Implemented properties to pass between pages to determine what should be displayed

### PowerShare – CodeDay Houston

November 2015

- Used Arduino C++ and two Arduino Uno boards to mimic two houses with solar panels
- Presented to the Microsoft team and won the award of Best Use of Microsoft Technologies

## HONORS & AWARDS

- |   |  |
|---|--|
| • #1 Events in Google Play (US) – CodeRED App     | • Dean's List: Fall 2014, Fall 2015, Spring 2016 |
| • Best Use of Microsoft Technologies – PowerShare | • Top 8 National Teams – FarmerHack              |