

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

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|-------------|---------|--------------|-----------|----------------|
| • 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

SHPEApp – 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

- | | |
|---|---|
| • Best Use of Microsoft Technologies – PowerShare | • #1 Events in Google Play (US) – CodeRED App |
| • Top 8 Teams National – SHPEApp | • Largest Hackathon in the South of US – MLH |