Landon Dare
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Education
University of Oklahoma –Norman, Oklahoma -   GPA: 3.73
Bachelor of Science in Computer Science -   May 2017

Professional Experience

University of Oklahoma Center for Creation of Economic Wealth
Software Development Intern   August 2014 – May 2016
- Worked with Oklahoma based startup to create software improving the speaking and comprehension skills of K-4th graders using patented storytelling technology.
  - Built native iOS application to better access $22M K-4th education technology market with input from real child age users for each major decision.
  - Developed data models and networking code, and personally conducted user testing with real 3rd grade students better plan prototypes for subsequent iterations.
- Helped develop a secure method for businesses to share and collaborate on private information and projects.
  - Constructed the back-end server architecture, data modules, and API routes in conjunction with a front-end user interface development team.
- Designed and implemented new features on an iOS English as a second language pronunciation tool Pinying, currently available on the iTunes app store.
  - Optimized existing code by a significant margin and created entirely new features to create a smoother and more robust user experience.

Paycom
Software Development Intern   May 2015 – August 2015
- Integrated Single Sign On capabilities to the Paycom customer web application to allow greater ease of use to Paycom clients.
  - Adapted a PHP open source SAML toolkit to work with the existing features and parameters of the Paycom application.
  - Enabled Active Directory Federation Services and Identity as Service providers to authenticate users for the web application.
- Improved functionality and minor bug fixes to the internal CRM application used by hundreds of Paycom employees every day.
  - Added new properties to client contact information modules such as allowing the ranking client contacts and recording their birthdays.

National Instruments
Software Development Intern   May 2016 – August 2016
- Working with the to develop a new way to manage custom software distributions for NI's next generation software platform.
  - Building a custom Windows service to handle AMQP messages to create and manage software package repositories
  - Collaborating with several diverse teams to bridge the gap between three application spaces.
  - Integrating new routes into web service architecture to connect http request with custom service functions.

Academic Involvement

Computer Science Interview Prep Club   January 2015 - Present
- President and a founding member of the Computer Science Interview Prep Club at the University of Oklahoma.
  - Help educate CS students on some of the elements unique to technical interviews.
  - Practice technical interviews questions and creative thinking problems seen in interviews from top technology companies