

Ian S. Hanken

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ihanken.github.io
froghat.github.io

EDUCATION

University of Memphis

Bachelor of Science in Computer Science

Memphis, TN
May 2014 - Present

- GPA: 3.49/4.00
- Expected Graduation: May 2017

University of Tennessee - Knoxville

Bachelor of Science in Computer Engineering

Knoxville, TN
Aug 2013 - May 2014

- GPA: 3.55/4.00
- Chancellor's Honors Program Participant

Bolton High School

International Baccalaureate Diploma

Arlington, TN
Aug 2009 - May 2013

- GPA: 4.00/4.00
- Graduated as salutatorian with honors.

WORK EXPERIENCE

FrogHat, LLC

Developer

Memphis, TN
Dec 2015 - Present

- Developed multiple iOS applications for use across all iOS devices using Swift and Objective-C.
- Programmed in a team environment using Git for version control.
- Implemented backend data storage, user authentication, and push notifications using AWS.
- Performed full UI and unit test automation using Xcode.
- Utilized Kanban methodologies and rituals to manage workflow.

McVean Trading and Investments

Trade Operations Specialist

Memphis, TN
May 2014 - Present

- Communicated with brokers to keep trade operations within regulation.
- Trained new hires to handle data entry and keep data in compliance with regulation.
- Assisted with creation and testing of new software used to check accuracy of trade data.

Aerobic Cruiser, LLC

Build Assistant

Memphis, TN
May 2010 - Sep 2011

- Assisted in research and development of hybrid electric semi-recumbent bicycles.
- Worked in a team environment to build prototype electric bicycles.
- Developed build instructions detailing standardized methods for electric bicycle assembly.

PROJECTS

Alien Adventure, a match-4 iOS puzzle game, slated to be released this fall.	2016
Tappy Dragon ML, a Flappy Bird iOS clone that employs Q Reinforcement Learning.	2016
FinGo, an iOS application that tracks financial goal progress.	2016

SOFTWARE SKILLS

Languages and Software: Swift, C/C++, Java, Javascript, Objective-C, SQL, PHP, SPICE, MATLAB, \LaTeX

IDEs and Frameworks: Xcode, Git, Amazon Web Services, CocoaPods, MySQL

Operating Systems: Windows Vista/7/8/10, iOS, macOS, *nix Systems

EXTRACURRICULAR ACTIVITIES

Institute of Electrical and Electronics Engineers (IEEE)	2016
Kappa Lambda chapter of IEEE - Eta Kappa Nu	2016
American Mensa	2016

RELEVANT COURSEWORK

Introductory C++	Data Structures	Digital Circuit Design
Discrete Math	Boolean Logic	Database Design
Software Engineering	Machine Learning	Algorithms