

Hannah V. Kibby

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School of Computing, University of South Alabama
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Education

Doctor of Philosophy, Computing *December 2022*

University of South Alabama, Mobile, AL

Dissertation: “Understanding How Recruiters Utilize LinkedIn When Making Hiring Decisions From a Computing Perspective”

Master of Science, Computer and Information Sciences *May 2018*

University of South Alabama, Mobile, AL

Specialization: Information Systems

Bachelor of Science, Information Technology *December 2016*

University of South Alabama, Mobile, AL

Dual Concentrations: Networking and Web Publishing

Graduated *Summa Cum Laude*

Professional Experience

Assistant Professor – University of South Alabama *January 2023 – present*

IT Specialist (Infosec) – U.S. Army Corps of Engineers *July 2018 – December 2022*

Application Programmer III – HX5, LLC *June 2018 – July 2018*

IT Service Management Intern – AM/NS Calvert *February 2016 – May 2018*

Courses Taught

- * Advanced Web Development (*Spring 2023*)
- * Information Systems Analysis and Design (*Spring 2023*)
- * Information Systems/Information Technology Project Management (*Fall 2022. Spring 2023*)

Extracurricular and Volunteer Experience

- * Teaching assistant, University of South Alabama's Girl Scout Code Camp, *February 2017*
- * Application reviewer, National Center for Women & Information Technology's Aspirations in Computing (South Alabama chapter), *February 2017 & February 2016*
- * Chair, Jaguar Women in Technology (J-WIT), *August 2016 – May 2017*
- * Co-Chair, Jaguar Women in Technology (J-WIT), *August 2015 – May 2016*
- * Secretary, University of South Alabama ACM, *August 2015 – May 2016*

Certifications and Licensure

- * Security + CE, *August 2018 – August 2024*

Research Projects

- * **Doctoral Dissertation** – Researched the influence of a recruiter's knowledge of an applicant's professional network on the recruiter's perception of the applicant's trustworthiness and hence their willingness to take risk in the hiring relationship
- * **IS Function Integration** – Worked with ten other students, using Visual Basic and SQL, to create a clinical documentation system for South Alabama's College of Nursing
- * **Senior Capstone Project** – Worked in a group of four students to create a rules-based academic scheduling checker using Visual Basic and SQL stored procedures
- * **Independent Capstone Project** – Utilized HTML, CSS, and JavaScript to create a website that generated commands to be used in the command line tool Hping

Skills

- * Operated under the Scrum Agile framework, working in three-week sprints with daily scrum
- * Adept at working in the Microsoft SharePoint environment, managing built-in features as well as integrating custom code. such as list item event receivers
- * Experienced at creating OData services, connecting SQL to SharePoint, as well as using AlaSQL to manipulate the OData
- * Knowledgeable about the ESRI and ArcGIS platforms, creating feature services, maps, and dashboards
- * Managed SQL, MySQL, and Microsoft Access databases

- * Worked with big data in the Hadoop environment, utilizing MapReduce, Pig, and Hive
- * Produced web applications using C#, ASP.NET, and the MVC framework
- * Created websites with HTML, CSS, JavaScript, PHP, and XML
- * Developed n-tier programs connecting Visual Basic and SQL databases
- * Parsed files and scripted with Python
- * Competent in creating and managing web servers in Linux and Windows, utilizing the LAMP, WAMP, and IIS environments
- * Fashioned diagrams used in systems analysis and design, including sequence, use case, data flow, and entity relationship diagrams
- * Skilled with Linux and Windows operating systems as well as the command line for each
- * Experienced with virtual machine management using VMware vSphere and Oracle VM VirtualBox
- * Understanding of various networking protocols as well as the TCP/IP networking model
- * Able to perform deep packet analysis with sniffing tools such as Wireshark
- * Knowledgeable in deploying and managing stateful firewalls such as IP tables
- * Adept at using the ServiceNow Information Technology Infrastructure Library (ITIL) platform
- * Proficient in Microsoft Office, including Visio and Project
- * Experienced with graphic design software such as Adobe Photoshop

Honors and Awards

- * 2021 Cycle 2 Graduate Student Activities Enhancement Award Program (GSAEP) Funding, *January 2022*
- * School of Computing Academic Achievement Award, *May 2018*
- * School of Computing Service Award, *May 2018*
- * Upsilon Pi Epsilon Honor Society, *April 2018*
- * School of Computing Outstanding Student Award for the 2016-2017 Academic Year, *May 2017*
- * School of Computing Academic Achievement Award, *May 2017*
- * School of Computing Service Award, *May 2017*

- * Mortar Board Senior Honor Society, *April 2016*
- * Who's Who Among Students in American Universities and Colleges, *March 2016*
- * Alpha Chi Honor Society, *November 2015*
- * Phi Kappa Phi Honor Society, *November 2015*
- * Golden Key International Honour Society, *May 2015*
- * Alpha Iota Mu Honor Society, *April 2015*
- * National Society of Collegiate Scholars, *October 2014*
- * Phi Eta Sigma Honor Society, *March 2014*