

Jesse D. Tatum

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EDUCATION

B.S. COMPUTER SCIENCE MINOR IN MATHEMATICS

DECEMBER 2018

Wheaton College, Wheaton, IL

Related Coursework: Programming I & II, Software Development, Data Structures and Algorithms, Introduction to Computer Systems, Networking, Database Systems, and Analysis of Algorithms

EXPERIENCE

FREELANCE WEB DEVELOPER

JANUARY 2019-PRESENT

- Plan and design responsive websites using the LAMP stack in response to discussed goals
- Implement full stack development including a homemade CMS with secure administrator login
- Manage hosting services as well as DNS configuration for website and custom email server
- Design logos and edit photos for a cleaner, more elegant presentation

SERVICE DESK ANALYST (INTERN MAY 2017-DECEMBER 2018)

MAY 2017-PRESENT

SWC Technology Partners, Oak Brook, IL

- Configure users, groups, and attributes in Active Directory environments
- Manage dedicated and hybrid Exchange servers in PowerShell, Exchange Admin Center, and Office 365
- Route tickets and communicate between internal support teams and end-users
- Efficiently multi-task between various distinct company environments and custom applications
- Assist in deployment of various internal software services to company

STUDENT WEB DEVELOPER

JUNE 2018-DECEMBER 2018

Wheaton College, Wheaton, IL

- Built web app to gather and display library collections each containing up to 500 records with Zotero API
- Implemented Google authentication to securely allow access to user collections and libraries
- Designed interactive tables allowing for sorting and filtering of collections by different categories
- Enabled flexible web cache for MARC files encoded as JSON records to reduce load time by near 100%
- Created prototype of new cross-catalogue search engine using Ruby on Rails and a SQLite database

IT STUDENT TECHNICIAN

SEPTEMBER 2016-MAY 2017

Wheaton College, Wheaton, IL

- Assisted students and professors with software support over phone, email or in person
 - Collaborated with other members of the service desk to troubleshoot issues
 - Managed media equipment circulation requests and loans for students and faculty
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PROJECTS

Truck/Warehouse Modeling – PHP web application with integrated MySQL database

Wheaton College Android App – Android application to facilitate gathering of frequent student info

OTHER SKILLS

Software development in Java, Python, and C

Full-stack web development in Wordpress, PHP, Ruby on Rails, MySQL, and NoSQL JSON with HTML/CSS, JQuery, Bootstrap, Vue.js front-end

Object Oriented design and agile software design practices

Revision control with Git and Github in agile group projects including Open Source

Fluent in Spanish, familiar with French