

Davy Yue

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EDUCATION

VANDERBILT UNIVERSITY

B.S. IN COMPUTER SCIENCE

MINOR IN ENG. MANAGEMENT

Expected May 2020 | Nashville, TN

COURSEWORK

Intermediate Software Design

Program Design and Data

Structures

Technology Strategy

Discrete Structures

Engineering Economy

Computer Organization

Complex Variables

Applied Behavioral Sciences

SKILLS

LANGUAGES:

Java • C++ • Python • Javascript

HTML • CSS • \LaTeX

TECHNOLOGIES:

NodeJS • Git • Bash

Mosdef-Hub

ENVIRONMENTS:

Windows • Linux • Android

EXPERIENCE

CITRIX SYSTEMS | INCOMING SOFTWARE ENGINEER INTERN

May 2018 – Aug 2018 | Fort Lauderdale, FL

VANDERBILT RESEARCH LAB | UNDERGRADUATE RESEARCHER MULTISCALE MODELING AND SIMULATION INSTITUTE

May 2017 – Aug 2017 | Nashville, TN

- Automated coarse-grained mapping of 5000+ multiscale molecules.
- Updated molecular-dynamics simulation engine to new hoomd 2.0 specs.
- Developed McCabe Research Group website to showcase lab accomplishments.
- Wrote and supported documentation for lab's internal Github organization page.

PALM BEACH SCHOOL DISTRICT | APPLICATIONS ANALYST INTERN

May 2016 – July 2016 | West Palm Beach, FL

- Developed Enterprise Resource Planning department website with responsive design and Search Engine Optimization (SEO).
- Vetted critical update in PeopleSoft Oracle program to integrate with 18,000 employees' mobile, personal, and desktop devices.
- Compiled informative daily-to-yearly trends for 15,000 call center agent reports using advanced Excel functions.

CAMPUS INVOLVEMENT

VANDYHACKS | LOGISTICS EXECUTIVE BOARD

Aug 2016 – Present | Nashville, TN

- Coordinated planning for VandyHacks IV, Vanderbilt University's fall 2017 hackathon, which drew 450+ attendees and had 15+ sponsoring companies
- Manage catering needs for attendees with \$20k from sponsorship.
- Serve as a liaison between the VandyHacks student organization and third-party vendors, including nearby Nashville restaurant catering.

MUSIC CITY TECH | SPONSORSHIP EXECUTIVE BOARD

June 2017 – Present | Nashville, TN

- Manage planning for upcoming summer conference, projected 600+ attendees.
- Direct efforts to acquire over \$42.5k in sponsorship for three conferences: Music City Code, Music City Agile, and Music City Data.
- Serve as a liaison between Music City Tech and Vanderbilt University.

PROJECTS

VANDERBILT TOOLS WEB APPLICATION | SOFTWARE/WEB DEVELOPER

Nov 2017 – Present | Nashville, TN

- Design a web application for finding Easy A Classes, importing Vanderbilt Calendars into Google, purchasing inexpensive textbooks, and tracking Pub restaurant orders.
- Provide undergraduate Vanderbilt students with a reliable resource to improve the overall campus experience through well-tested software products

PERSONAL WEBSITE | WEBSITE DEVELOPER

Dec 2017 – Present | Nashville, TN

- Develop a personal portfolio website to showcase professional aspirations.
- Advertise business: Origami-Inspired Web Design - Business Never Folds!