

NAVIE VURDIEN

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EDUCATION

Bachelor of Science @ California State University, Fullerton

Major_Computer Science

Minor_Mathematics

GPA_3.3

Expected_May 2018

LANGUAGES

| | |
|------------|--------|
| Javascript | Python |
| HTML/CSS | PHP |
| Java | SQL |

TECHNOLOGIES

| | |
|-------------|-----------------|
| Laravel | NodeJS |
| Git | ExpressJS |
| Illustrator | Ruby on Rails |
| Flask | Django |
| Photoshop | Ubuntu Linux OS |

EXTRACURRICULAR ACTIVITIES

| | |
|------------------------|---------------|
| BeachHacks | April 2017 |
| AthenaHacks | April 2017 |
| WiCyS | March 2017 |
| Google CS with Android | March 2017 |
| HackPoly | February 2017 |
| TeenHacks | March 2014 |

AWARDS

President's Award @ Girl Scouts of Orange County Recognition, June 2017

PROJECTS

CSUF ACM Website_website @ acm.ecs.fullerton.edu

May 2017 > Present

- Designed website using Ulkit front-end framework, CSS, HTML, PHP and Javascript in order to increase professionalism and garner more interest in club
- Leveraged open source program such as FullCalendar to show upcoming events and PHPMailer to implement a functional contact form into site

University Database_website @ universitydatabase.herokuapp.com

April 2017 > May 2017

- Developed website using PHP, HTML, CSS, Javascript, MySQL with 2 other students to efficiently store professors, students, courses, and grades
- Employed MySQL cloud site and incorporated a Bootstrap theme for design

CPPCAMP_website @ cppcamp.herokuapp.com

February 2017 > May 2017

- Created a C++ tutorial webapp with Django framework and incorporating custom Javascript algorithms and Bootstrap for functionality and design
- Followed Agile software development cycle to effectively plan and complete on time
- Deployed on Heroku with Git

WORK EXPERIENCE

Software Developer Intern @ LOCATE Inventory

October 2017 > Present

- Implemented back-end support for third party payment processing with the Laravel framework to allow clients to accept payment via Stripe or Paypal
- Optimized MySQL database with stored procedures, speeding up I/O by 20%
- Included design improvements to follow three-click rule within MVC patterns for increased modularity

Supplemental Instruction @ California State University, Fullerton

August 2017 > December 2017

- Lead sessions that reinforce student's knowledge on information presented in class
- Plan activities and create worksheets based on previous lecture to offer an in-depth knowledge in object oriented programming and data structures classes
- Identify and helped fix errors in student's code to pass all Travis CI test cases and introduce optimal programming strategies
- Clarify topics to allow for students to understand questions in homework and tests

Research Assistant @ California State University, Fullerton

March 2017 > August 2017

- Funded by the Department of Defense to create an offline tone analyzer that checks the mental state of an individual with team of 4
- Experimented the usage of multiple machine learning algorithms including anomaly detection, clustering and classification to explain to team members the advantages and disadvantages of certain algorithms
- Presented research at IEEE conference to inform the public about the issue and our solution

PROFESSIONAL ASSOCIATIONS

Webmaster @ Association for Computing Machinery Club

May 2017 > Present

- Maintain and design ACM website using Ulkit, CSS, HTML, PHP and Javascript
- Prepared and taught two web development workshops in CSS, HTML and Javascript for students to create a personal site
- Instructed separate web development workshop at university's first hackathon, TitanHacks, to quickly overview important concepts in HTML, CSS and Javascript
- Held position of judge at TitanHacks to offer technical feedback and evaluate projects

Marketing @ Association for Computing Machinery Club

January 2017 > May 2017

- Designed flyers and advertisements using Microsoft Word, Adobe InDesign, Adobe Illustrator and Adobe Photoshop to promote events within the club

Project Manager @ Association for Computing Machinery - Women Club

Feb 2017 > May 2017

- Directed team of 8 in creating and teaching 50 girls scouts the basics of using and setting up a raspberry pi along with mentoring them in creating a blinking LED program
- Organized university's first leadership and diversity summit with team of 12 to connect students with professionals and expose them to life after college