Pravat Bhusal

Software Engineer

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github.com/Shadowsych ⭘

WORK EXPERIENCE

Undergraduate Researcher
University of Texas at Austin

01/2019 – Present   *Austin, TX*

Achievements/Tasks

- Analyzed next generation sequencing outputs to study the gene expression patterns associated with ALS disease
- Utilized Python DataFrames in a Unix environment for Differential Expression Analysis
- Documented NGS data on Jupyter Notebook with the principal investigator and peers

Web-Developer Intern.
S.T.E.A.M. Achievers

09/2017 – 05/2018   *Dallas, TX*

Promoting Science, Technology, Engineering, Arts, and Mathematics among children within the DFW community

Achievements/Tasks

- Assigned the lead role of the engineering intern. group
- Programmed a mobile-responsive website using JavaScript, Bootstrap, PHP, MySQL to upload hackathon submissions for an annual hackathon ⬀
- Listened to feedback from partners in Dell, Microsoft, and other tech. companies about the website's architecture

PERSONAL PROJECTS

Smart Rates (01/2018)
- A React Native mobile and web-application that analyzes the real-time market value of a car using the Smart Car API

FastPass (10/2018)
- A React Native app that speeds-up the boarding pass process using facial recognition

EagleEye (09/2018)
- A React Native app that notifies government officials about infrastructure issues

Spoodle (04/2018)
- An Android app that allows people to sell leftover, but clean, food to others at a discounted price, and donate

SarassA Fashion (02/2018)
- A PHP e-commerce fashion website built for the SarassA Fashion business in Dallas, Texas

EDUCATION

B.S. Computer Science
University of Texas

08/2018 – Present   *Austin, Texas*

SKILLS

`Node` `ReactJS/Native` `Redux` `Android Studio` `Socket.IO` `Flask` `MySQL` `Unix/Linux` `Cloud`

ACHIEVEMENTS

Toyota/APIASF Scholarship (05/2018)
Awarded a $2500 scholarship for high-achieving academics in STEM

cPanel and FreeCodeCamp Hackathon 1st Place (01/2018)
Awarded 1st place by programming a mobile app named "GreenView"

S.T.E.A.M. Achievers Hackathon 1st Place (08/2017)
Awarded for the best game programming and design at UT Dallas

B.E.S.T. Robotics Engineering Award (11/2017)
Awarded twice for the best engineering and programming design

ORGANIZATIONS

UT Austin Mobile App Development (08/2018 – Present)
Android Instructor; teach lectures about Java and the Android SDK

Association for Computing Machinery (08/2018 – Present)
Frequent competitor of the competitive programming events

Information Systems Security Society (08/2018 – Present)
Frequent competitor of the CTF challenge events

LANGUAGES

Language	Proficiency
HTML, CSS	● ● ● ● ●
JavaScript	● ● ● ● ○
Python	● ● ● ● ○
Java	● ● ● ● ○
PHP	● ● ● ○ ○
C#	● ● ○ ○ ○
C, C++	● ● ○ ○ ○