Christine Idouchi

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EDUCATION

Carnegie Mellon University
Biology, Intended Double Major in Computer Science   Expected Dec 2018
GPA: 3.71

Selected Coursework
Computer Systems • Functional Programming • Imperative Programming
Computer Music Systems • Computational Genomics

SKILLS

C • Python • Javascript • NodeJS • SML • HTML • CSS

PROJECTS

ebb & flow   2017
- Chatroom that allows users to queue/stream YouTube videos
- Utilized server-side queueing and polling with clients to synch users
- Node.js, Express.js, Socket.io

redditExpress   2017
- Chrome extension to supplement browsing experience on Reddit
- Utilized AJAX to lazy-load new content without page refresh and Chrome Storage
API to track user settings
- JavaScript, jQuery, CSS

EXPERIENCE

Summer Scholar | Howard Hughes Medical Institute x CMU   2014
-Developed kinesin constructs analogous to those found
 in Huntington's Disease

Undergraduate Researcher | Hackney Laboratory   2015-2016
-Cloned Drosophila Kinesin constructs with improved
 expression systems
-Conducted assays measuring velocity of pathological
 Kinesin constructs using fluorescence microscopy

ACTIVITIES

Volunteer Tutor, F.O.R.G.E. | Pittsburgh, PA   2013-2016
-Aided Nepali refugee families to assimilate to American
 culture and language

Volunteer, H.E.L.P. | University of Pittsburgh Medical Center   2014-2015
-Oriented elderly patients to prevent delirium