

NILESH GUPTA

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Professional Summary

Excellent at C/C++, experienced in Swift application development, comfortable in a linux environment, competent scripter and Python programmer, skilled in coordinating ground-up planning, programming and implementation for core modules.

Education

Bachelor of Science: Computer Science (June 2018)

Current

University of California, Los Angeles -

Cumulative GPA - 3.8

Additional coursework in Math, Physics, Electrical Engineering, Cognitive Science

Skills

- C/C++
- Python Expert
- Comfortable in Java
- Knowledgeable in Lisp, Prolog, OCaml
- Refined debugging skills
- Strong algorithmic abilities
- Experienced in App Development

Work History

Projects

GrammarChecker

Basic syntax checker that parses and corrects OCaml code based on given grammar
Implemented with a two-front matcher algorithm
Wrote, designed and tested from scratch

GoonieBlaster

8-bit game not dissimilar to Mario/Zelda
Built all actors, gameplay, and maps

Leadership

Community Service Chair

Sigma Alpha Mu Fraternity – Los Angeles, CA, Fall 2016 – Current

Organized Community Service Events and Fundraising Drives including:

- Walk for Alzheimers
- Escape Pediatric AIDS

Work

IT Department Head

Ramona Medical Clinic – Hemet, CA, Summer 2014 - 2016

- Coordinated EMR installation and management across all machines

- Devised programs to efficiently transfer all patient records from paper to screen

- Provided continued maintenance and development of bug fixes and patch sets for existing web sites

Director of Communications

Congressional Campaign of Mark Takano – Riverside, CA, Summer 2016

- Organized campaign events, and arranged volunteers at these events into positions that would ensure the highest percentage outreach

- Designed scripts for staff to follow on phone calls, and during canvassing
