VARUN GUPTA

1B SOFTWARE ENGINEERING STUDENT

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SUMMARY

- Proficient in Java, C/C++, and VB.NET, including data structures, testing, and debugging code (via courses and projects).
- Experience in mobile development via an independent Android game project.
- Five years of computer / laptop repair and troubleshooting experience.
- Excellent Microsoft Office skills (Excel, Word, PowerPoint).
- Strong communication and time management skills.
- Motivated, versatile, and enthusiastic programmer.

PROJECTS

The Flying Stickman (Android / Java) | June 2015 - January 2016

A fly-and-shoot game optimized for different screen sizes and resolutions. Debugged any bugs found through user testing using the Eclipse debugger after each update. Published on the Play store under developer name "A13".

Blackjack Game (VB.NET) | May 2014 - June 2014

One player blackjack game with an AI dealer, custom bets, and animation. Dealer AI conforms to blackjack rules using extensive decision structures and values of runtime variables (i.e. the cards dealt). Game designed to be robust and is designed to handle invalid user input such as negative bets.

AWARDS

Governor General of Canada   October 2015
Governor's General Bronze Medal

Ontario's Top Scholar List - 97.7% overall grade 12 average.

University of Waterloo   February 2015
Canadian Computing Contest

Placed in the Canadian Student Honour Roll.

SKILLS

PROFICIENT IN: Java, C, C++, VB.NET
FAMILIAR WITH: HTML, PHP, CSS, SQL
TOOLS: Visual Studio, Eclipse (Java), Eclipse CDT (C/C++), Github (Git), Photoshop

VOLUNTEER EXPERIENCE

Shivom Computer and Graphics   2010 to 2015
Computer Technician

Responsibilities: Attend to service calls, diagnose and repair customer devices, provide customer support for computer setup.

Achievements: Quickly grasped troubleshooting concepts and procedures involved in repairing devices. Diagnosed and replaced hardware including LCD screens, laptop keyboards, DC jacks, motherboards. Resolved software problems (Windows and OSX) including BSODs, kernel panics, and malwares / viruses. Developed strong communication skills by attending to customer concerns and needs.

EDUCATION

University of Waterloo

Candidate for Bachelor of Software Engineering 2020
First Term (1A) cumulative average: 93%. Currently learning encapsulation, abstract data types, stacks, linked lists, and memory models.

EXTRACURRICULARS

IBT Team   2014 to 2015
Web & Tech Manager

Collaborated with a team of Web Managers to add, update, remove events, news items, and other content on the IBT website (using HTML, CSS, and PHP).