

Alec Grant | Developer

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Core Technical Skills

Programming Languages: Java, C#, C++, Qt, C, bash shell script, HTML, CSS, JavaScript, JQuery, Powershell, VBA, SQL, \LaTeX

Development Environments: Android Studio, Windows Forms Applications, Visual Studio

Server Applications: nginx, Apache, Microsoft Access

Miscellaneous: Google Apps Script, Unity3D, Ticketing systems, Virus remediation, Adobe Illustrator

Professional Experience

- **Office of Information Technology, Rutgers University**

Assistant Lab Supervisor

New Brunswick, NJ

December 2016 – August 2018

- Oversaw group of >150 consultants
- Independent position with minimal supervision
- Represented supervisory team in residential networking committee with upper level management
- Ran training sessions for consultants in advanced networking concepts and troubleshooting scenarios
- Reviewed hiring applications, conducted interviews, and selected late stage applicants for job offers
- Responsible for heading development tasks such as the Shift Report Tool - details below under Projects
- **Awarded:** Supervisor Achievement Award, Fall 2017 - Click for management write up

Residential Networking Consultant

April 2015 – December 2016

- Level 2 support for internet and printer troubleshooting for the student body
 - Set up 802.1X profiles for students to connect to the University wireless network. Helped users install drivers for wireless printing.
 - Remediated viruses on flagged student and faculty machines using a variety of antivirus tools - Malwarebytes, Symantec Endpoint Protection, CurrPorts, among others.
 - Dispatched out to users' residences to set up routers, smart TV's, and game consoles as well as troubleshoot issues with users' devices like poor wireless connectivity, authentication, and port issues.
 - **Awarded:** Consultant of the Month, March 2016 & September 2016 - Click for management write up
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Projects

- **Shift Report Tool**

C#, Powershell, VBA, Visual Studio, SQL

Reporting form for Rutgers University Office of Information Technology. Employees fill out what duties they performed while on shift in a Windows Form Application written in C# and Powershell. Sends an email to the supervisory team and uploads a copy of the report to an Access database via SQL so supervisors can monitor and run audits on consultant activities.

- **A SMS Bingo Client**

C++, Qt5

C++ application that connects to and reads values from Dolphin's emulated RAM to keep track of in-game statistics and connects players to play SMS Bingo. GUI built in Qt with custom QWidgets.

Education

- **Rutgers University**

School of Arts & Sciences, B.S. in Computer Science

New Brunswick, NJ

2015 – 2019

Relevant Coursework:

- Data Structures
- Systems Programming
- Computer Architecture
- Linux for Engineering
- Digital Logic Design
- Probability and Random Processes