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### SUMMARY

- Over 2 years worth of research experience in wireless communication.
- Good theoretical understanding of communication schemes.
- Programming experience in a wide range of languages
- Proven analytical and problem-solving skills.
- Excellent verbal and written communication, networking and organizational skills.
- A collaborative team player with the ability to inspire, improve and effectively support others.

### QUALIFYING SUMMARY

Wide range of programming experience, with a strong understanding of Java and Mat Lab languages, and knowledge to debugging programs written in C++, Java, and Mat lab in many classes taken in High School and Rutgers University.

- 2 year of programming experience in Java, having take Advance Placement Programming A, Advance Placement Programming AB, and have received honors in both.
- Good understanding and foundation for programming in C++, and long training in debugging programs written in C++ and Java.
- Design and Implementation of many concepts in Programming , and writing many programs involving the concepts of recursion , object oriented programs ,and making graphical user inferences in all three languages.
- Good understanding of basic communication models and schemes.
- Basic understanding of software based radios, and proficient in using the GNU radio software for cogitative radio development.

### TECHNICAL SKILLS

Skill with programming languages: Java, C, C#, C++, Mat lab ,Python, Verilog, VHDL, and assembly  
Operating Systems: Windows 98, ME, XP-pro, ultimate, home, Vista- pro, home, ultimate, Windows 7.  
Apple – iMac, Mac OS X, Linux.

Compilers: Blue jay (Java), eclipse (java) Microsoft Visual C++(2009, 2010), and Math Works (Mat Lab).  
Understanding of Verilog and VHDL programming used for chip programming, and assembly introductory level understanding.

### EXPERIENCE

- **Cisco System:** - Technical Intern, server to server communications ,
- **Winlab** – summer intern, Visual MIMO project, generating pattern via LED's and a Camera for recognizing these patterns for inter vehicular communication.
- **Winlab** – summer intern, Optimal Transmission Via bandwidth exchange, implementing a communication model using a relay system, where users are able to trade bandwidth to achieve optimal transmission rates.

### EDUCATION AND AWARDS

High school - GPA: 3.8, throughout honors student  
Fourth Year Rutgers Student: Cumulative GPA – 3.76  
Major, Electrical Engineering: GPA – 3.96  
Awards: Dean's list 6 semester

