

## David Rix Nelson

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### Experience:

#### Apple Inc

SWE Programs: iOS Battery Life Software Engineer

2013 - Present

Cupertino, CA

- Design, implement and maintain software to track and understand device usage
- Provided foundation for Battery Life sensitive multi-tasking and Battery Life Usage menu in settings
- Perform code reviews and give feedback to other engineers on software implementation and design
- Manage team's build and integration procedures
- Used: Objective C, SQLite and git

iOS SWE Platform Experience: Battery Life QA 1st level Manager

2011 - 2013

Cupertino, CA

- Recruit and train a team of Battery Life QA Engineers.
  - Started with 1 engineer and grew team to 11 engineers and 1 support staff
  - Laid foundation for role to transition to 2nd level manager of 3 QA teams
- Organize and report results of testing to management

iOS SWE Platform Experience: Battery Life QA Engineer

2008 - 2011

Cupertino, CA

- Optimize battery life for iOS from hardware through the whole software stack
- Setup, run and analyze results from large scale automated tests on software and hardware
- Design, implement and maintain large scale automated testing and analysis systems
- Propose, design and evangelize a custom smart USB hub for automated testing
- Used: Bash, UI Automation Javascript Library, SVN, Objective C, MySQL, FileMaker, AppleScript and expect

Apple Retail: Systems Developer

2006 - 2008

New York City, NY

- Develop and maintain system to track employees: sales statistics, warnings, time and attendance, etc
- Used: FileMaker, Java, MySQL and LDAP

Apple Retail: Lead Mac Genius

2006 - 2008

New York City, NY

- Resolve customer service issues
- Handle day-to-day employee issues, discipline and tasks

Apple Retail: Mac Genius

2003 - 2006

Tucson, AZ; New York City, NY

- Customer technical support
- Troubleshoot and repair of computers and accessories

## **U of Arizona Bookstore, CATS**

1997 - 1998; 2000 - 2003

Tucson, AZ

### **Apple Specialist**

- Started and managed the computer service and repair department
- Buyer for Apple products, and service related items

### **Student Lead**

- Scheduling floor and task coverage
- Supervise day to day tasks of student workers

### **FileMaker Designer/Admin**

- Develop and maintain system for tracking computer sales and interfacing with Bookstore POS system
- Setup and maintain hardware and software to support database systems

### **Graphic Designer**

- Maintain and create price books for computer store
- Create advertisements and signage

### **Sales Associate**

- Assist customers make purchase decisions
- Basic technical support

## **Education and Certifications:**

### **Bachelor of Science: Computer Science**

1996 - 1998; 2000 - 2004

Tucson, AZ

University of Arizona

Minor in Architecture

### **High School**

1992 - 1996

Tuba City, AZ

Tuba City Public High School

Valedictorian

### **Apple Certified Portable Technician**

### **Apple Certified Desktop Technician**

### **Apple Product Professional**