

# ROBERT SMITH

## Audit Intern III

Phone: (0123)-456-789 | Email: info@qwikresume.com | Website: Qwikresume.com

### SUMMARY

Knowledgeable with innovating products by combining theory, practice and technology, attentive to market movements, cooperative, able to work under pressure, seeking internship positions that require technical skills and quantitative background.

### CORE COMPETENCIES

Microsoft Office, C++, Matlab, SQL, VBA, R, Python.

### PROFESSIONAL EXPERIENCE

#### Audit Intern III

**ABC Corporation - November 2012 – February 2013**

##### Key Deliverables:

- Sampled the invoices, certificates and inventory breakdown entries and send bank confirmation letters.
- Developed a MATLAB program to simulate the price trend of financial assets based on the Monte-Carlo method.
- Used Laplace transform and bisection method to generate random variables satisfying the probability distributions of the underlying assets derived from stochastic calculus.
- Calculated the expected return of structured financial products with exotic barrier options embedded in the Chinese secondary market using risk-neutral probability.
- Developed MATLAB program to give numerical solutions to partial differentiation equations (hardcode).
- Compared the results of the boundary element method and finite element method in complexity and accuracy.
- Developed a Python-based program, used a bootstrap method to calculate discount factor and generated daily term structure and yield curve based on Chinese Treasury bonds.

#### Audit Intern

**ABC Corporation - 2008 – 2012**

##### Key Deliverables:

- Engagements and Tasks Performed Performed external audits and review engagement of internal controls on financial reporting (ICFR) which includes Performed Risk Assessment procedures to obtain understanding of entity and its environment.
- Applied audit procedures on various heads of financial statements.
- Checked the compliance with laws and regulations.
- Verified the Prudential Regulations of State Bank of Pakistan for the year ended audit on Loans and Advances, Markup Income and Other Income.
- INDUSTRY CLIENT Banking The Bank of Punjab Manufacturing Becton Dickinson Pakistan Pvt.
- Ltd.

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### EDUCATION

- Master of Science in Financial Mathematics - (THE UNIVERSITY OF CHICAGO - Chicago, IL)