

# On the Position of Principal Cryptographer

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Paypal

To whom it concerns,

I'm quite passionate about cryptography. My professional work in cryptography has been purposed for security. At Booz Allen Hamilton, I was the cryptographic lead for the local office. Our mission was to provide transmission and communication security through cryptography. Currently at the MITRE Corporation, I represent the GPS Program and Acquisition Office as a subject matter expert for the effort on the next generation ground control segment of GPS. I provide guidance to the office and contractors on cryptographic key management from NSA Type 1 devices and end cryptographic units.

During my tenure at Booz Allen Hamilton, another Booz Allen employee by the name of Edward Snowden made headline revelations that made the entire world rethink privacy. Since these revelations, it has driven me on a personal and professional level. At the personal level it, I began to take privacy seriously and learn more about how privacy can be preserved with cryptography. As a professional software developer and technical lead at Booz Allen, it drove me further to take on the difficulties and challenges of writing code for cryptography for security and practice a secure development lifecycle as a development team.

I want to write software for cryptography. I've been writing software for eleven years in various languages. For five years at Booz Allen Hamilton I wrote software for cryptography. In those five years, I became technical lead of a small team of four software developers, supported summer interns, and interfaced between clients and my development team.

I was surprised and excited when I was approached by Nancy Dorn on this position of Principal Cryptographer. The position would have me involved in developing software, working with people, and work in an area that I'm passionate about on both a professional and personal level. I would hold great value on a professional and personal level in becoming a principal cryptographer. This position is the exact direction where I want my career to go.

My resume attached. Should you have any questions about myself or my resume, please ask. I hope to hear from you soon. I will be at Real World Cryptography Conference at Stanford; perhaps I will get the opportunity to meet at least one of you there.

Thank you,

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